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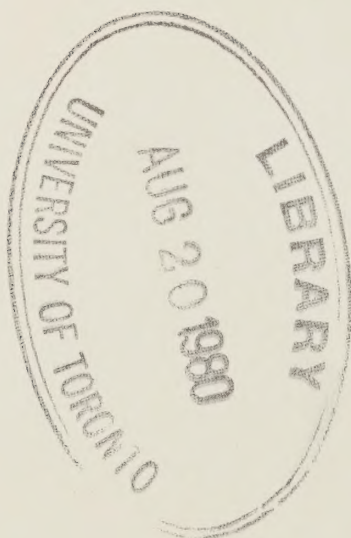


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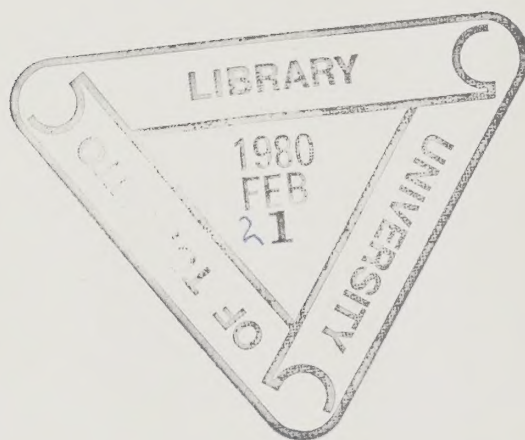
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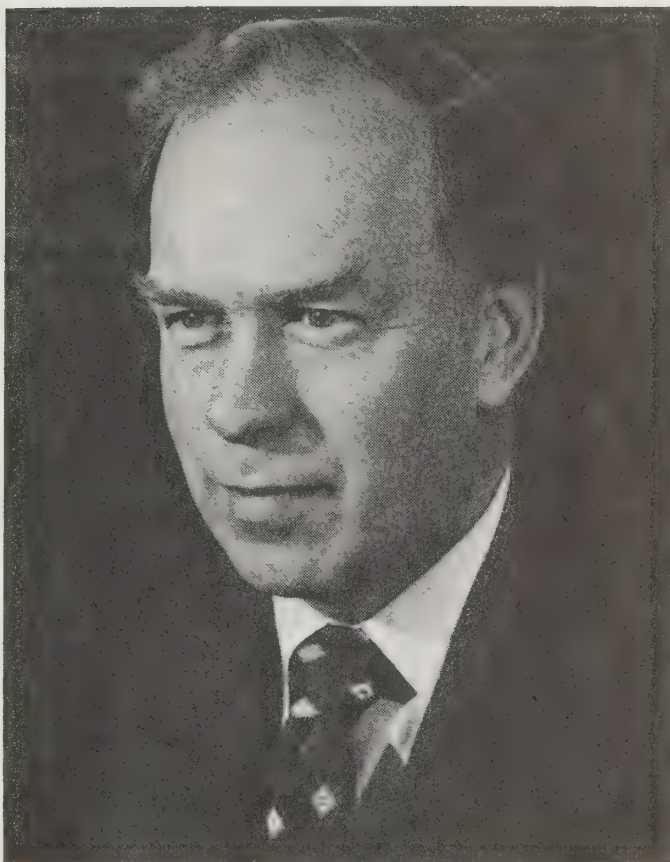


Foreword

This volume of Ontario Statistics is the fifth in an annual series published by the Ministry of Treasury and Economics, and is intended as a reference for those seeking socio-economic information relating to Ontario. As such, its purpose is to provide librarians, administrators, financial analysts, planners, educators and students with concise, up-to-date data on a wide range of indicators.

A very large amount of the data contained herein has been collected by industrial organizations, banks, countless men and women who operate small businesses, Statistics Canada and other federal departments. We are grateful for their cooperation. I would also like to acknowledge the help we have received from subject-matter specialists throughout the other ministries of the Ontario Government. Reference works such as this require a great deal of teamwork.

And since statistical information is usually collected by having someone fill in a form or questionnaire, our thanks must go to all those who one time or another took pen in hand. Their participation is not unappreciated. For when compiled and orientated, statistics form the cornerstone of decision-making, and illuminate the problems we handle.



Frank S. Miller

Frank S. Miller
Treasurer of Ontario and
Minister of Economics

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Qualifying Remarks

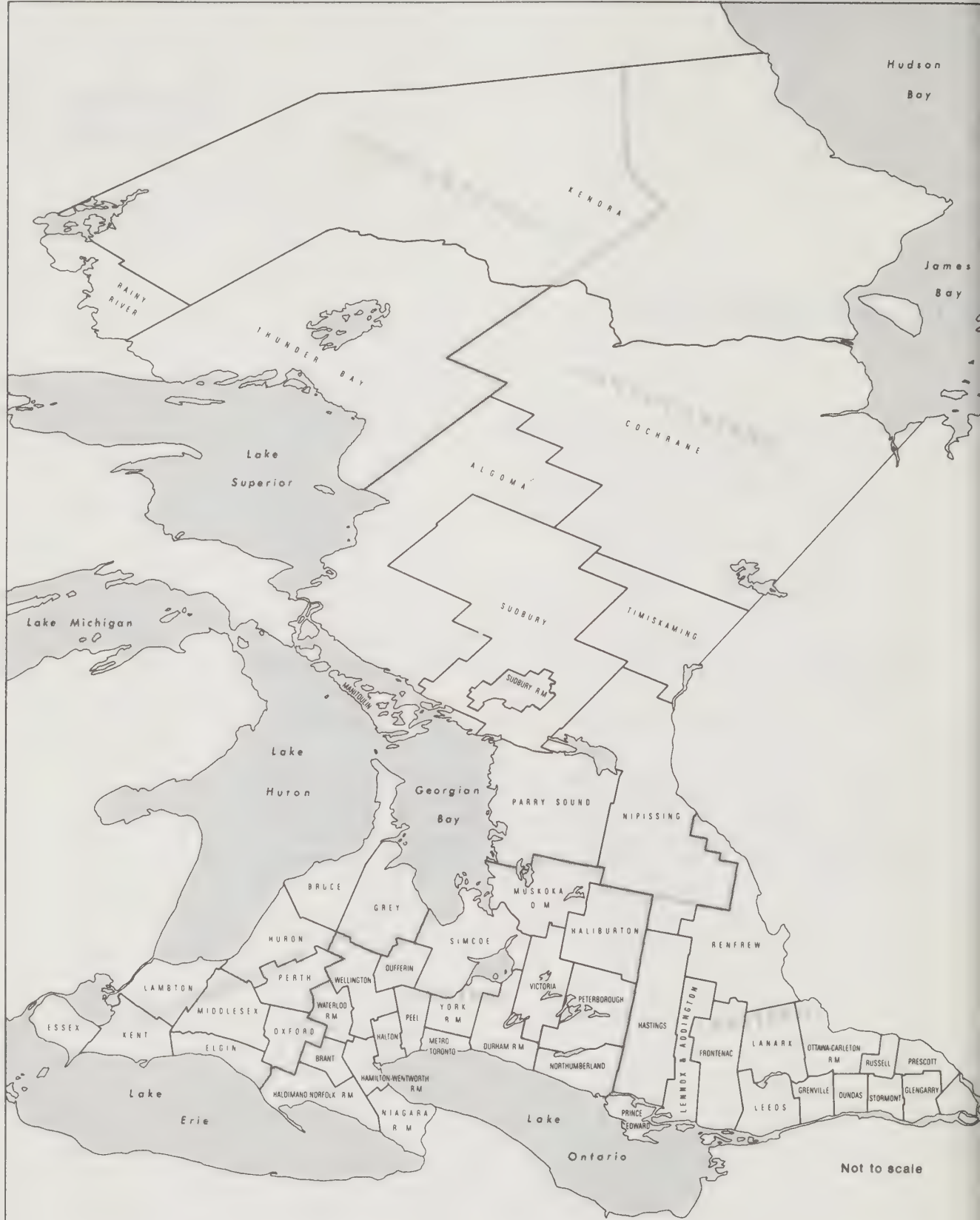
The following symbols have been used in the tables:

- ... figures not available
- ... figures not appropriate or not applicable
 - nil or zero
- amount too small to be expressed
- p preliminary figures
- r revised figures

In some tables figures will not add due to rounding. All tables with 1971 Census of Population as source will not normally add due to rounding methodology, see Appendix II.

In the highlights the terms billion and trillion correspond to 10^9 and 10^{12} respectively.

Sub-provincial information has normally been supplied at county level, but in some cases regional information is reported. The reader should be cautious when using such data to ensure that regional descriptions do not differ. In the case of Planning Regions, used extensively within the Ministry of Treasury and Economics for regional studies, the Map of Ontario, which follows, provides clear description of the areas assigned to each region.



Province of Ontario

Boundaries

— County, District, Regional Municipality

— Planning Region (alternatively called "Economic Development Region")

Part 1

Social Series

Physiography and Natural Environment

Highlights

- **Physiography** — The Province of Ontario encompasses the following areas of land and water.

	Square Miles	Hectares
Land	344,092	89,121,360
Water	68,490	17,739,215
Great Lakes (under Ontario jurisdiction)	29,501	7,637,498
Other lakes & streams	38,989	10,101,717
TOTAL	412,582	106,860,575

Source: Surveyor General of Ontario, Ontario Ministry of Natural Resources.

All of the land and water area in the province can be apportioned into watersheds or drainage basins.

There are 18 major drainage basins in Ontario. Twelve of these are in the southern portion of the province. Approximately 71% of Ontario's population live in the 10 major watersheds of the Lake Ontario and Lake Erie drainage basins. These watersheds contain only 6.5% of the total land area of the Province.

- **Climate** — Ontario's climate is characterized by cold winters and warm summers. Mean temperatures can vary by as much as 35 degrees C, between the winter and summer seasons.

Since winter precipitation is stored as snow, stream flows in the spring months may be many times the low flows of other seasons. Some river flows vary from no flow at all to hundreds of cubic meters per second, which has resulted in major flooding problems.

Thunder Bay in Northern Ontario receives more bright sunshine than does Toronto. The amounts of solar radiation received in most Ontario cities are deemed sufficient for solar energy applications.

- **Environmental Quality** — The Environmental Quality statistics presented in this Section are focused on pollution issues, and are organized as follows:

1. Emission and discharges — sources of stress.
2. Environmental objectives — standards, guidelines and criteria established by the Ontario Government.
3. Ambient quality conditions — concentrations or levels of contaminants in the air, land or water.
4. Environmental effects — damages and problems caused by pollutants.
5. Pollution abatement and environmental protection efforts — legal and administrative actions by governments and financial resources spent on pollution control activities.

- **Emissions and Discharges** — Total quantities of air pollution emissions currently amount to about 3,000 metric tonnes of contaminants per year. Sulphur oxides from stationary combustion sources and carbon monoxide, primarily from automobiles, are quantitatively the most prominent contaminants.

Communal Sewage treatment plants are in place for approximately 87% of the urban population of the province while approximately 96% are served by communal water treatment facilities. The flows from the different types of municipal sewage treatment plants vary widely in quantity, quality and effects on receiving waters. Important problems associated with sewage treatment plants are odours, sewage sludge disposal and contamination with heavy metals (chromium, lead, copper, etc.) and other persistent chemicals.

The monitoring of *liquid industrial waste* began in 1977. Approximately 175.2 million litres of sludge and liquids were generated and disposed of in Ontario during the 12-month period, April 1977 to March 1978. Further data and information may be obtained from the Waste Management Branch, Ontario Ministry of the Environment.

Pollution to the surface waters of the province comes from five main sources: (1) direct discharges from sewage treatment plants, (2) direct discharges from industrial sources, (3) urban storm sewers, (4) run-off from agricultural land, (5) deposition from the air in the form of particulate matter or acidic precipitation.

Data and information on pollution into the Great Lakes from each of these sources are most comprehensive and are available from publications of the International Joint Commission. The pollution loadings recorded in Table 1.7 are from Ontario only. A much larger amount of loadings comes from U.S. sources. A comprehensive inventory of all direct industrial discharges of wastes into the province's surface waters does not exist.

- **Environmental Objectives** – *Air quality criteria* for 6 common contaminants are presented in Table 1.8. The criteria define the period of exposure as well as concentration of contaminants. As of June 1979, criteria had been set for 100 different elements and compounds. These criteria are intended to be below the level of all known acute effects to humans, plants or animals. Legal standards for these contaminants have been set in Regulation 15, schedule 1 under the Environmental Protection Act, 1971.

The *Phytotoxicology Excessive Levels of Contaminants in Soil and Vegetation* (Table 1.9) are guidelines against which results of monitoring can be evaluated. These cannot be used for prosecution.

The Ontario Government has not established water quality standards or discharge objectives by Regulation. However, specific water quality objectives and policies are presented in *Water Management, Goals, Policies, Objectives and Implementation Procedures of the Ministry of the Environment*, November 1978. The province is obligated by Treaty and Federal-Provincial Agreement to enforce Federal water quality objectives and discharge regulations as well as the Ambient Water Quality Objectives developed by the International Joint Commission (Table 1.10) unless provincial objectives are more stringent.

N.B. All Objectives are added and changed from time to time as new knowledge is obtained or new problems arise.

- **Ambient Quality Conditions** — Air quality data show that conditions have steadily improved throughout the province although there are a number of local air pollution and air quality problems. Two extensive air quality problems to which research effort is now being directed are acidic precipitation and the chronic (long-term) health effects of low levels of air pollutants.

Of the 48 designated Problem Areas designated by the IJC in 1978, 16 are in Ontario and 8 are located on Interconnecting Channels.

As of December 31, 1977, a total of 1,529 waste disposal sites were receiving industrial and municipal solid and liquid wastes, 185 were receiving treated sewage sludges and 374 were certified to receive only derelict motor vehicles. Inventories of closed land disposal sites are being prepared.

- **Environmental Effects** – Pollution can have a wide variety of adverse environmental effects. These effects can be classified as those ecological and physical effects that can be measured in various, somewhat objective units. These types of effects include fish kills, fish and aquatic life population changes, human deaths and illness caused by pollution, damages to crops and livestock, etc. Another aspect of environmental effects is the human significance of the ecological and physical effects. Some effects have a greater significance than do others.

While there are substantial amounts of data and information on environmental effects, they tend to be location specific, unsystematic, anecdotal and gathered on a one-time basis only. Table 1.14 provides measures of the human significance of the contamination of fish with chemicals and heavy metals which are compiled annually.

- **Pollution Abatement and Environmental Protection Activities** — Between 1976 and 1978, the number of Ministerial Orders (Control Orders, Requirements and Directions, etc.) directing municipalities, individuals and companies to curtail pollution by a specific date increased by 133% to 42 Orders. Ministerial Orders are public documents and can be seen at MOE Regional Offices. To determine whether Ministerial Orders have been completed, contact MOE Regional Offices.

A total of 71 charges were laid under the Environmental Protection Act, the Water Resources Act and the Pesticides Act during the period April 1978 through March 1979. The highest fine levied was \$26,500. There is insufficient data to determine whether there is a trend to higher fines.

Tables 1.17, 1.18 and 1.19 indicate the amounts of financial resources being devoted to pollution control and environmental protection by the public, i.e. provincial and local governments, and private (industry) sectors in Ontario. An estimated \$115 million in capital expenditures were to be spent on pollution abatement devices in 1978 by industrial establishments. As noted in the Table, this is likely an understatement of the actual amounts.

Construction of drainage facilities, water treatment plants, water pumping and distribution systems, sewers and sewage treatment facilities in Ontario totalled about \$544 million in 1978 or about 5% of the total value (in current dollars) of all new and repair construction that appeared in the province. Approximately \$155 million of the total value of sewage and water works construction was provided by the Provincial Government in 1978. The Government of Ontario budgeted about \$126 million for the operation of the Ministry of the Environment during 1978.

The combined capital subsidies and the budgetary expenditures of \$286 million constitute 2% of the total budget of the provincial government.

In addition to the amounts presented in these Tables, financial resources are expended to operate and maintain existing public and private treatment facilities, to collect, haul, process and dispose of solid and liquid wastes, to conduct research and to offset noise around airports and near highways. Substantial sums are also spent on the development, installation and maintenance of vehicle exhaust emission controls. These data have yet to be compiled.

Definitions

Air pollution Index – A series of numbers expressing the relative levels of air pollution and taking into consideration one or more air contaminants. In Ontario, the air pollution index is derived from measures of sulphur dioxide and particulate matter.

Ambient Quality – The quality of the natural air, water or land as measured by concentration of contaminants.

Acidic Precipitation – Precipitation for which the pH is less than 5.6, which is the natural pH of precipitation. Caused by the emissions of sulphur and nitrogen oxides into the atmosphere.

Bright Sunshine – The number of hours during which sunlight can be concentrated by a lens to scorch a card.

Carbon Monoxide – A colourless, odourless and toxic gas arising primarily from incomplete combustion of carbonaceous fuels.

Certificate of Approval – By authority of The Environmental Protection Act, 1971 and the Ontario Water Resources Act, all persons and companies must obtain a certificate of approval before constructing or installing any structures or equipment that will cause contaminants to the environment or alter the rate of such emissions

Coefficient of Haze – The difference in the transmittance of light through clean filter paper and paper which has had outside air drawn through it. Air pollutants reduce the transmittance of light through the filter.

Control Order – By authority of Section 70 of the Environmental Protection Act, 1971, an MOE Regional Director may issue an order that directs a company or individual to stop polluting air or land or to undertake specified pollution abatement activities.

Criteria – As referred to in Regulation 872 of the Environmental Protection Act, 1971, the maximum acceptable concentration of the contaminant in community air over a specified sampling time period. These criteria are not legally binding, but provide guidance for the design of air pollution control devices and emission sources.

Environment

The Environmental Assessment Act, 1975, of Ontario defines environment as:

- (i) Air, land or water,
- (ii) plant and animal life, including man,
- (iii) the social economic and cultural conditions that influence the life of man or community,
- (iv) any building, structure, machine or other device or thing made by man,
- (v) any solid, liquid, gas, odour, heat, sound, vibration or radiation resulting directly or indirectly from the activities of man,
- (vi) any part or combination of the foregoing and the interrelationships between any two or more of them, in or of Ontario.

Environmental Protection – activities that prevent pollution and environmental damages in the future.

Five-day Biological Oxygen Demand (BOD₅) – a measure representing the amount of dissolved oxygen that is required from water during the bacterial decay of organic pollutants. It is the difference in oxygen concentrations of a water sample after five days of incubation.

Hydrocarbons – Non-methane, gas-phase hydrocarbons emitted into the atmosphere as contaminants by stationary sources such as petroleum refineries and by vehicular traffic. The latter is the chief source in urban areas. Hydrocarbons are significant due to their role in the development of photo-chemical smog, a combination of pollutants consisting mainly of ozone, which has an adverse affect on vegetation and health.

IJC – International Joint Commission: a body composed of the Federal governments of Canada and the U.S., U.S. states and the Province of Ontario set up to deal with environmental issues of mutual concern between Canada and the U.S.

Liquid Industrial Wastes – Wastes that contain toxic or other troublesome or hazardous materials. Waste liquids may or may not contain water and are distinguished from large volumes of waste waters that are generated by many industrial establishments.

Microgram – μg . $1/10^6$ of a gram or one millionth of a gram.

MOE – The Ontario Ministry of the Environment.

Nitrogen Oxides – Compounds of nitrogen almost exclusively represented by nitric oxide (NO) and nitrogen dioxide (NO_2), which are generated by natural and technological sources. The concentrations of these two nitrogen oxides in rural areas are usually lower than in urban areas. Major emissions are from automobiles and power generating stations.

Particulates – This is the most visible of all air pollutants consisting of particles dispersed in the air in either solid or liquid phase. Particulate air pollution may originate from many sources such as power generation, incineration, space heating, transportation, solid waste disposal, manufacturing and commercial operations. Particulates above certain concentration levels may cause direct injury to respiratory systems. They also combine with gaseous pollutants to form mixtures of compounds having adverse effects on health.

Phytotoxicology – The science of damages to plants by environmental contaminants.

Pollution Abatement – Activities and programs aimed at stopping or treating existing pollution emissions, or otherwise resolving current environmental problems.

Primary Treatment Plant – The first step in domestic sewage treatment that involves the mechanical removal of floating and settleable solids.

Program Approval – By authority of Section 10 of The Ontario Environmental Protection Act, 1971, an MOE Regional Director may issue an official Ministry agreement to a voluntary pollution abatement program submitted by a person or a company.

Problem Areas in the Great Lakes are designated by the International Joint Commission as:

1. "an area where water quality objectives have not been achieved because remedial programs are not yet completed";
2. "an area where remedial programs have been completed, but a delay is expected before conditions in the Lake show improvement";
3. "an area where further remedial programs may be required.", Great Lakes Water Quality Board, *Great Lakes Water Quality – Seventh Annual Report to the International Joint Commission*. Windsor, Ontario: July 1979, P. 1

Provincial Budgetary Expenditures – Provincial government expenditures that pay for staff salaries, purchase equipment and supplies and pay for travel and other expenses incurred by the operating Ministry.

Provincial Capital Expenditures or Disbursements – Expenditures made by the Provincial Government for the construction of sewage treatment plants, water treatment, roads and other capital structures.

Requirement and Direction – By authority of Section 69 of the *Ontario Water Resources Act*, an MOE Regional Director may issue an order that directs a company or individual to stop polluting the water and/or undertake specified pollution abatement activities.

Secondary Sewage Treatment Plant – sewage treatment processes that involve the biological decomposition of dissolved and suspended organic materials. Processes consist of bubbling air or oxygen through the waste water to accelerate biological activity.

Sewage Sludge – Semi-liquid waste with a solids concentration in excess of 2,500 parts per million that results from sewage treatment processes.

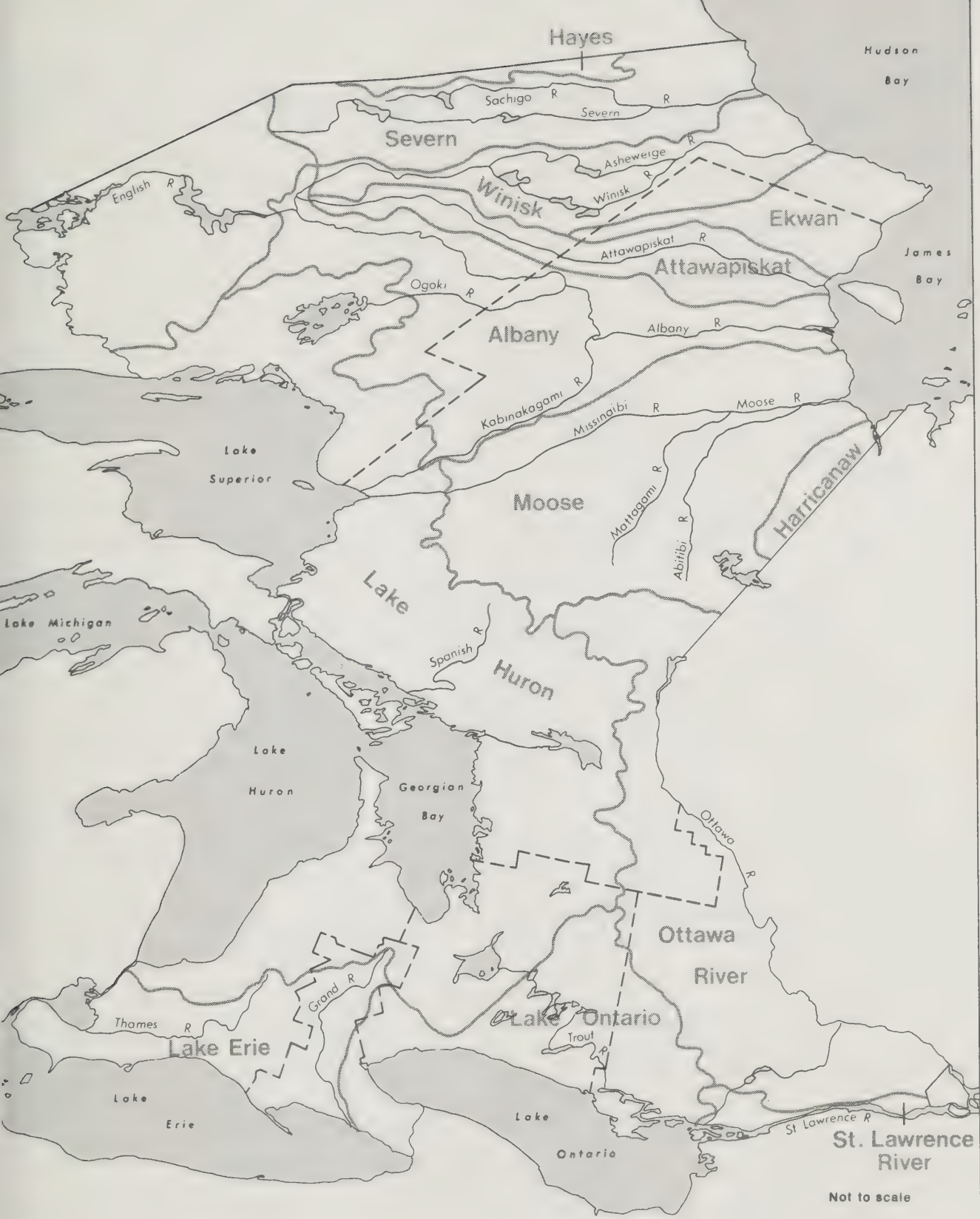
Soiling Index – A measure of particulate matter expressed as the coefficient of haze (COH).

Sulphur Oxides – Compounds of sulphur that result from combustion, the primary being sulphur dioxide (SO_2). Sulphur dioxide contributes to the formation of sulphate particles and the acidification of rain.

Suspended Solids – A mixture of fine, nonsettling particles of any solids, usually organic, within water. One of the main measures of water pollution.

Total Precipitation – For any given month the total precipitation is obtained by adding the rainfall and the water equivalent of the snowfall for that month. Since 1960, some stations have been equipped with snow gauges in order to obtain the actual water content, while at other stations the water content has been estimated to be one tenth of the depth of the snowfall. Therefore, at some stations, mean total precipitation will be equal to the sum of the mean rainfall and one tenth of the mean snowfall, and at other stations it will depart slightly from that value.

Watershed – A watershed or drainage basin is an area in which all water falling any place in it will conceivably flow to a single point. Watershed boundaries are defined by the heights of land and constitute ecological, as opposed to political, geographical units. The actual number of watersheds are aggregated at various levels. The Great Lakes, for instance, constitute a single watershed or drainage basin.

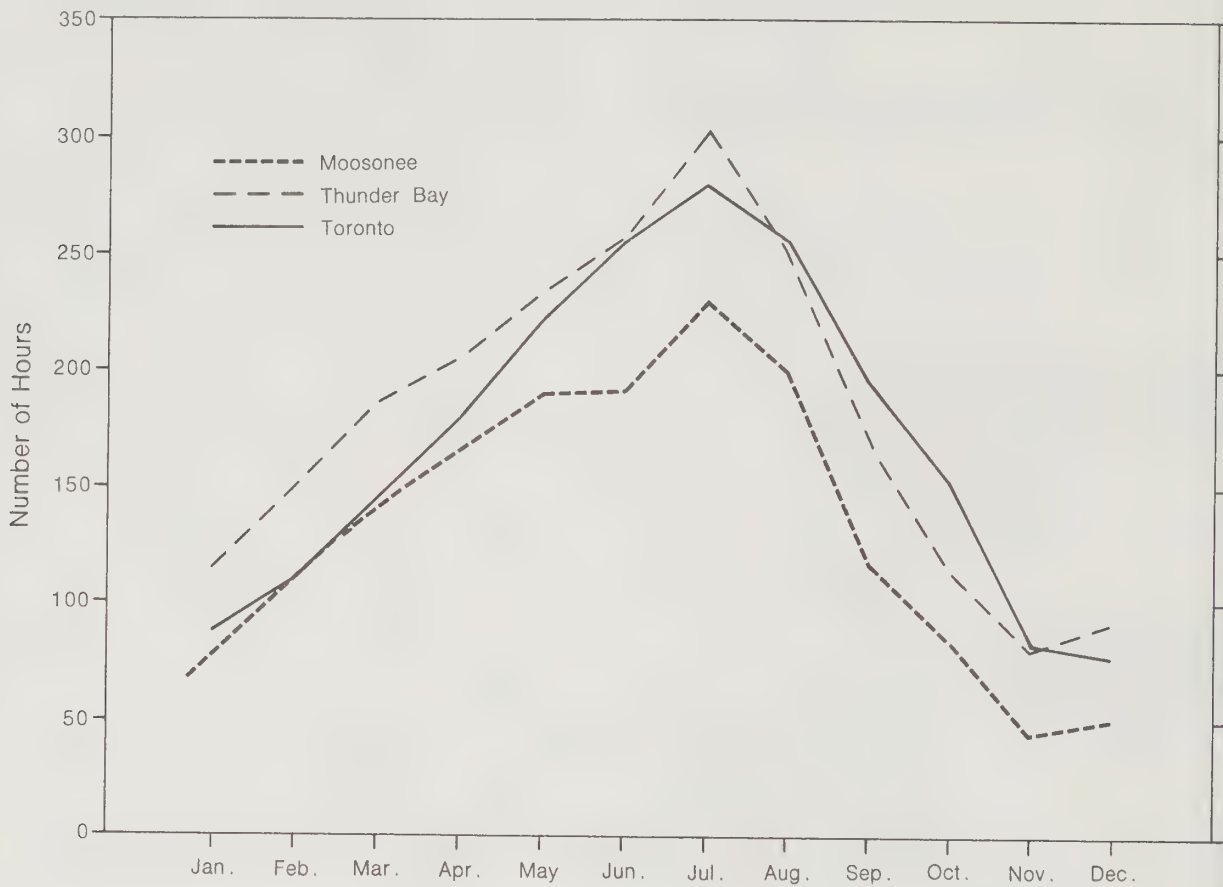


Map 1.A Ontario Major Drainage Basins

- Ministry of Environment Regions
- Drainage Basin Area Boundaries

Graph 1.B

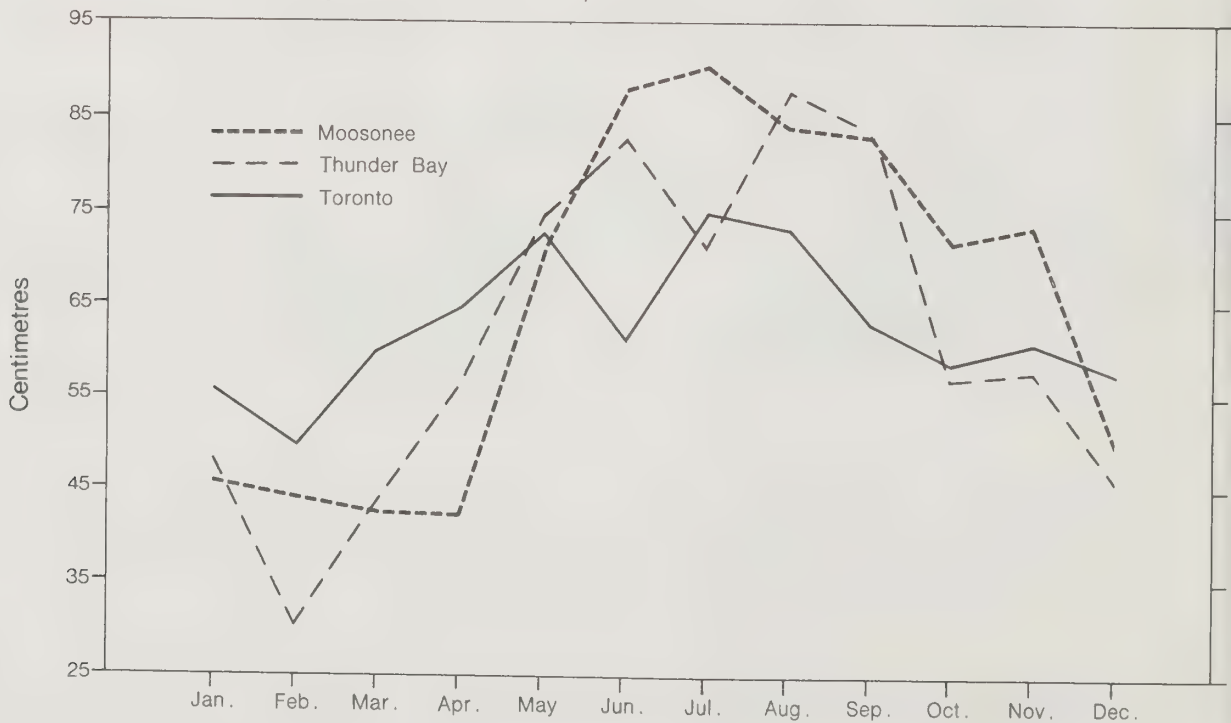
Number of Hours of Bright Sunshine by Selected Centre, Ontario



Refer to Table 1.2.

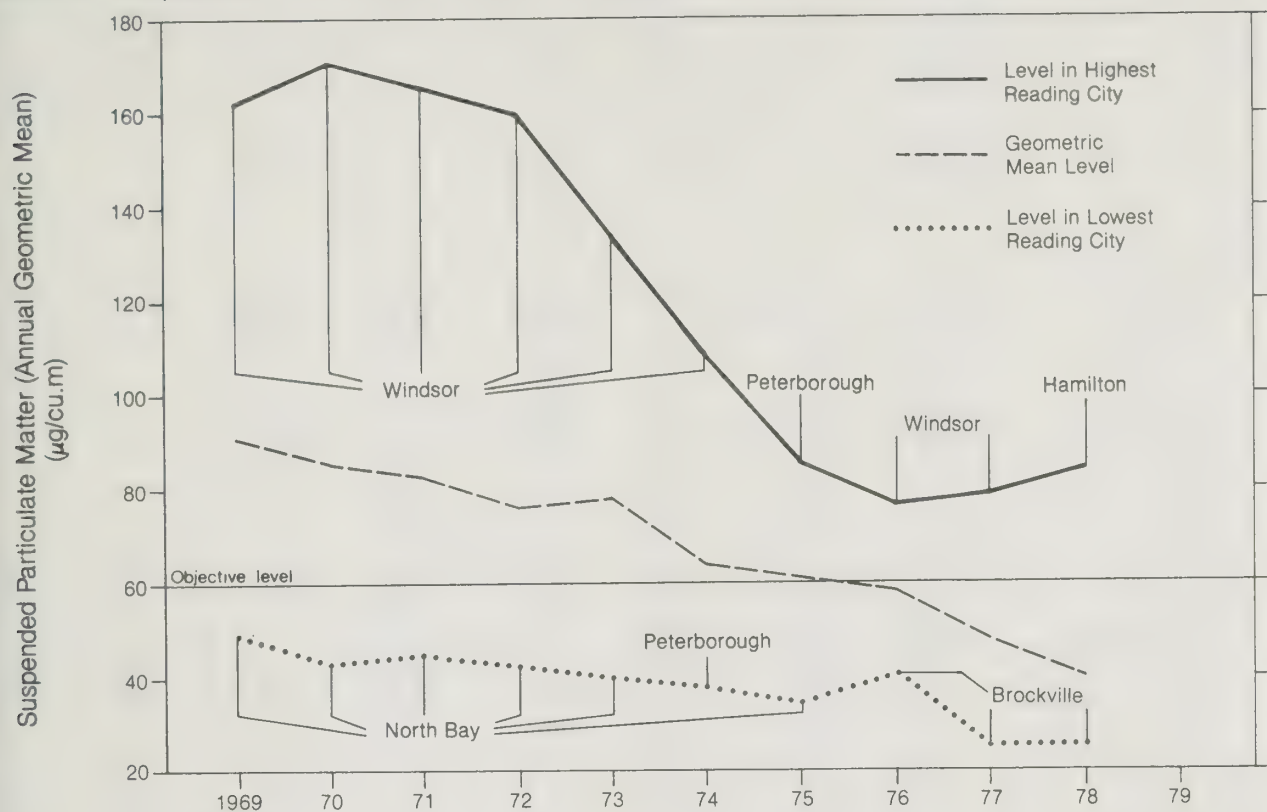
Graph 1.C

Mean Total Precipitation by Selected Centre, Ontario



Refer to Table 1.3.

Graph 1.D
Trends in Suspended Particulate Matter, by Selected City, Ontario, 1969-1978



Graph 1.E
Sulphur Dioxide Levels, by Selected City, Ontario, 1969-1978

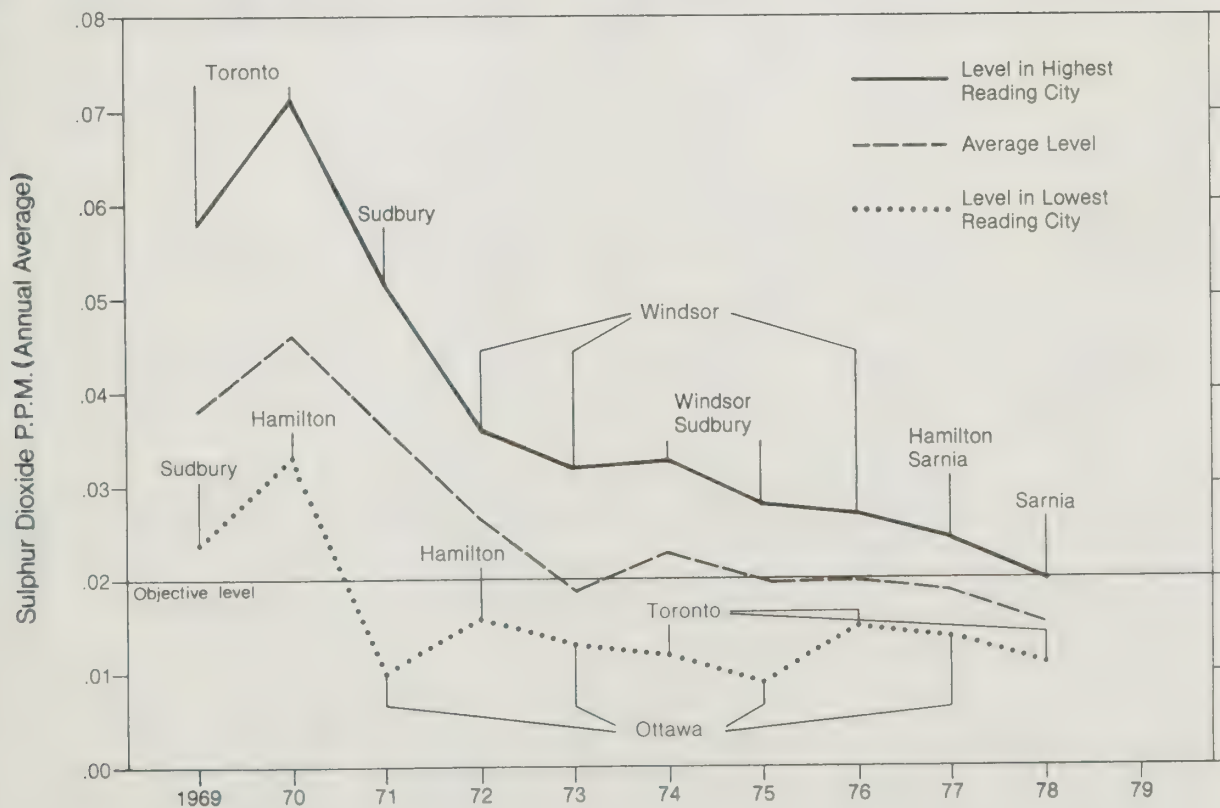


Table 1.1**Selected Statistics, Ontario and Shared Watersheds¹, 1971**

Watershed Name	Water-shed Area ²	Popu-lation	Popu-lation Density	Total Dwel-lings	Number of Farms	Total Farm-land	Industrial Establish-ments ⁴	Total Number of Employees
	'000's Hectares	'000's	Persons/sq km	'000's		'000's Hectares		
Atlantic Basin								
St. Lawrence River								
W. St. Lawrence	602	245.0	273.0	68.9	4,009	299.3	..	..
Quebec Part	102	64.0	419.8	16.8	1,030	59.8	..	..
Ontario Part	500	181.0	242.7	52.1	2,979	239.6	..	..
Ottawa River	15,016	1,178.2	52.6	321.2	17,035	1,577.8	..	..
Lower Ottawa	5,656	802.2	95.1	222.2	10,508	867.7	..	..
Quebec Part	4,698	323.0	46.1	82.8	3,218	312.3	..	..
Ontario Part	958	479.2	335.4	139.3	7,290	555.4	..	..
Upper Ottawa	9,360	376.0	26.9	99.0	6,527	710.2	..	..
Quebec Part	5,168	94.4	12.2	22.7	2,004	203.1	..	..
Ontario Part	4,192	281.6	46.1	76.3	4,523	507.0	..	..
Lake Ontario	3,179	3,981.5	840.2	1,167.6	21,012	1,258.4	7,680	363,440
Belleville	809	159.7	132.3	45.6	3,767	329.2	146	7,980
Trent System	1,346	193.8	96.6	56.9	5,808	453.7	275	11,630
Oshawa-Colborne	125	173.2	925.1	49.5	1,681	97.3	212	21,270
Toronto ³	312	2,434.5	5,241.4	721.8	2,425	124.9	5,663	221,500
Hamilton ³	258	630.5	1,639.7	181.6	2,375	106.2	834	65,710
Niagara Peninsula	329	389.8	796.2	112.2	4,956	147.0	550	35,340
L. Erie and								
Lake St. Clair	2,551	1,472.3	386.9	431.0	32,544	1,811.9	2,504	151,030
Grand River	777	489.9	422.9	141.2	9,232	519.3	1,046	63,870
Erie Shoreline	773	462.6	401.4	133.9	10,493	510.4	671	44,020
Thames River	600	426.0	476.0	127.7	8,316	490.0	646	35,890
Sydenham River	401	93.8	156.7	28.2	4,503	292.1	141	7,230
Lake Huron	9,466	966.3	68.4	267.2	24,937	1,906.0	1,171	57,450
South Huron	1,624	259.2	107.0	76.2	15,784	1,146.4	432	16,350
Georgian Bay-								
Lake Simcoe	2,250	321.9	95.8	92.6	7,287	501.2	384	15,790
North Huron	5,591	385.3	46.1	98.4	1,866	258.5	242	17,850
Lake Superior	8,022	150.3	12.7	42.3	461	44.9	113	7,450
Hudson Bay and Ungava Basin								
South and								
Southwest	87,116	227.7	1.8	53.8	1,423	159.1	..	..
Quebec Part	17,337	105.2	4.1	23.4	1,082	118.4	..	..
Ontario Part	58,733	117.8	1.3	29.7	341	40.7	..	..
Manitoba Part	11,046	4.7	0.3	0.7	-	-	..	..
Lake Winnipeg	18,385	114.4	4.1	30.4	3,568	580.1	..	..
Lake of the Woods (Ont.)	11,394	73.1	4.4	19.7	632	95.5	..	..
Lake Winnipeg Shoreline (Man.)	6,991	41.3	3.9	10.7	2,936	484.6	..	..
Total Ontario	98,995	7,703.1	7.8	2,225.2	94,719	6,459.0	..	..

1) Detailed definitions of the watersheds were developed by the Office of the Senior Advisor on Integration, S.C. Initial discussion of definitions may be found in SC, Catalogue 11-509E, *Human Activity and the Environment*.

2) Watershed areas are estimates for all land and water area except for the Great Lakes. See definitions.

3) These "watersheds" are designed to encompass major urban areas and may, in fact, consist of a number of small watersheds.

4) Number of industrial establishments and total number of employees are 1973 figures.

Source: SC, *Human Activity and the Environment*, Catalogue 11-509E.

Table 1.2

Mean Monthly Temperature, Precipitation and Number of Hours of Bright Sunshine¹, by Selected Centre, Ontario

Station and Element ²	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code ³
(Latitude 43 02 N Longitude 81 09 W Elevation 278 m ASL ⁴)														
London A														
Temperature	-6.0	-5.6	-0.7	6.6	12.3	18.2	20.5	19.7	15.7	9.9	3.1	-3.6	7.5	1
Bright Sunshine	69	96	128	170	233	243	274	253	177	153	73	61	1,930	2
Rainfall	31.2	27.7	46.2	70.9	74.7	81.0	81.3	73.4	78.7	72.1	57.4	42.7	737.3	1
Snowfall	49.0	40.9	26.9	7.6	0.5	-	-	-	-	2.3	26.7	47.2	201.1	1
Total precipitation	76.2	65.3	71.9	78.2	74.9	81.0	81.3	73.4	78.7	74.2	82.8	86.6	924.5	1
(Latitude 51 16 N Longitude 80 39 W Elevation 10.4 m ASL ⁴)														
Moosonee														
Temperature	-20.2	-18.1	-11.9	-2.3	5.4	11.8	15.5	14.4	10.0	4.7	-4.3	-15.3	-0.9	1
Bright Sunshine	77	108	142	165	189	192	233	201	119	86	43	49	1,604	2
Rainfall	1.8	1.5	6.4	19.3	58.9	87.1	90.4	84.1	82.8	58.7	22.1	5.3	518.4	1
Snowfall	46.2	43.9	37.6	23.4	11.7	0.8	-	-	0.3	13.2	52.8	46.5	276.4	1
Total precipitation	45.7	44.2	42.4	42.2	70.4	87.9	90.4	84.1	83.1	71.6	73.4	50.0	785.4	1
(Latitude 45 19 N Longitude 75 40 W Elevation 126 m ASL ⁴)														
Ottawa-International A														
Temperature	-10.9	-9.5	-3.1	5.6	12.4	18.2	20.7	19.3	14.6	8.7	1.4	-7.7	5.8	1
Bright Sunshine ⁵	96	115	150	175	231	245	277	243	171	138	76	78	1,995	1
Rainfall	14.0	11.2	25.9	58.4	68.8	72.6	81.3	81.5	78.7	63.8	56.6	28.7	641.5	1
Snowfall	48.5	47.8	35.1	7.9	0.8	-	-	-	Trace	1.8	22.4	51.6	215.9	1
Total precipitation	59.9	56.9	61.0	67.6	70.1	72.6	81.3	81.5	78.7	65.8	78.5	77.0	850.9	1
(Latitude 46 29 N Longitude 80 59 W Elevation 259 m ASL ⁴)														
Sudbury														
Temperature	-12.2	-10.3	-4.8	4.0	11.4	17.2	19.7	18.3	13.8	8.1	0.5	-7.7	4.8	4
Bright Sunshine ⁶	97	130	158	188	231	246	267	226	158	115	59	70	1,945	3
Rainfall	4.8	5.1	21.1	46.7	61.7	72.6	68.8	74.2	93.5	70.4	47.5	11.9	578.3	8
Snowfall	39.6	35.1	29.2	8.9	1.0	-	-	-	Trace	1.8	22.9	40.9	179.4	8
Total precipitation	44.5	40.1	50.3	55.6	62.7	72.6	68.8	74.2	93.5	72.1	70.4	52.8	757.6	8
(Latitude 48 22 N Longitude 89 19 W Elevation 196 m ASL ⁴)														
Thunder Bay A														
Temperature	-14.8	-13.0	-6.2	2.4	8.3	13.8	17.5	16.5	11.3	6.1	-2.5	-10.8	2.4	2
Bright Sunshine	116	149	185	205	235	258	302	251	173	116	80	92	2,162	2
Rainfall	1.3	1.5	10.4	36.6	70.4	82.8	71.1	87.9	83.3	53.3	27.9	6.1	532.6	2
Snowfall	51.6	31.0	35.3	20.1	4.3	-	-	-	Trace	3.6	30.7	45.5	222.1	2
Total precipitation	48.0	30.2	43.7	56.4	74.7	82.8	71.1	87.9	83.6	56.9	57.2	46.0	738.5	2

Table 1.2 (cont'd)

Mean Monthly Temperature, Precipitation and Number of Hours of Bright Sunshine¹, by Selected Centre, Ontario

Station and Element ²	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code ³
(Latitude 48 34 N Longitude 81 22 W Elevation 294 m ASL ⁴)														
Timmins A														
Temperature	-16.9	-14.8	-8.6	1.3	8.7	14.7	17.4	15.7	10.9	5.4	-3.5	-13.1	1.4	8
Bright Sunshine ⁷	76	104	143	165	190	215	233	203	122	92	40	52	1,635	1
Rainfall	2.8	0.8	9.1	27.7	65.5	86.6	88.1	99.8	88.6	56.9	29.2	4.6	559.7	4
Snowfall	63.2	57.4	47.0	19.3	4.8	0.3	-	-	0.8	12.4	72.1	69.6	346.9	4
Total precipitation	55.4	49.5	49.5	45.7	69.9	86.9	88.1	99.8	89.4	68.3	90.4	63.0	855.9	4
(Latitude 43 41 N Longitude 79 38 W Elevation 176 m ASL ⁴)														
Toronto International A														
Temperature	-6.3	-5.8	-0.9	6.4	12.2	18.2	20.7	20.0	15.7	9.8	3.4	-3.5	7.5	1
Bright Sunshine	87	110	145	179	221	256	281	257	197	153	82	77	2,045	1
Rainfall	22.9	19.6	37.3	57.2	72.4	61.2	74.9	73.2	63.2	58.2	50.8	31.0	621.9	1
Snowfall	35.1	30.0	22.1	6.9	Trace	-	-	-	-	0.8	10.7	27.9	133.5	1
Total precipitation	55.6	49.5	59.9	64.5	72.6	61.2	74.9	73.2	63.2	58.7	61.0	57.7	752.0	1

1) Monthly long-term averages.

2) Units: temperature in deg C, rainfall in mm, snowfall in cm, total precipitation in mm, bright sunshine in hours.

3) Code number which indicates the number of years of records used to compute the means of temperature, precipitation and bright sunshine.

code = 1: 30 years between 1941 and 1970;

code = 2: 25 to 29 years between 1941 and 1970;

code = 3: 20 to 24 years between 1941 and 1970;

code = 4: 15 to 19 years between 1941 and 1970;

code = 5: less than 10 years between 1941 and 1970;

code = 8: adjusted.

4) ASL = above sea level.

5) Sunshine observations from Ottawa CDA.

6) Sunshine observations from North Bay Airport.

7) Sunshine observations from Kapuskasing CDA.

Source: Ministry of Natural Resources, Conservation Authorities Branch.

Table 1.3
Emissions and Discharges
Inventory of Air Pollution Emissions¹, Ontario, 1977–1978

	Sulphur Oxides ²	Particulate Matter	Nitrogen Oxides ³	Carbon Monoxide	Hydro- Carbons
	'000's Metric Tonnes/year				
1977	2,025	110	224	1,040	202
1978	1,347	127	215	1,039	193

¹ Includes only man-made measurable sources.

² Expressed as sulphur dioxide.

³ Expressed as nitrogen dioxide.

Source: Ministry of the Environment, Air Quality and Meteorology Section, Air Resources Branch.

Table 1.4
Emissions and Discharges
Sewage Treatment Plants in Ontario, 1975–1978

Year	Total Treatment Works		Primary Treatment		Secondary Treatment	
	Number	Design Capacity	Number	Design Capacity	Number	Design Capacity
	'000's of cubic metres/day					
1975	310	4,372.5	44	1,015.7	155	3,221.0
1976	337	4,692.5	39	958.2	169	3,576.0
1977	340	4,938.9	39	1,061.3	168	3,701.7
1978	351	4,981.1	39	1,063.3	172	3,726.9

Table 1.4 (cont'd)

Year	Lagoons, Aerated Cells & Oxidation Ditches		Ministry of the Environment Operated Plants		Municipally Operated Plants	
	Number	Design Capacity	Number	Design Capacity	Number	Design Capacity
	'000's of cubic metres/day					
1975	111	135.9	181	1,215.1	129	3,157.3
1976	129	158.8	196	1,294.2	141	3,398.8
1977	133	175.9	201	1,374.3	139	3,564.7
1978	140	191.0	208	1,304.8	143	3,676.3

Source: Ministry of the Environment, *Water and Sewage Treatment Works in Ontario*, (annual), Toronto, Pollution Control Branch.

Table 1.5
Emissions and Discharges
Water Supply Treatment Plants in Ontario, 1975–1978

Year	Plants Obtaining Water from Ground Water Sources			
	No Treatment ¹		Physical and/or Chemical Treatment	
	Number	Design Capacity	Number	Design Capacity
'000's cubic metres/day				
1975	158	657.9	49	454.7
1976	153	705.4	65	525.2
1977	153	688.3	67	519.6
1978	154	731.0	65	517.0

Table 1.5 (cont'd)

Year	Plants Obtaining Water from Surface Water Sources			
	No Treatment ¹		Physical and/or Chemical Treatment	
	Number	Design Capacity	Number	Design Capacity
'000's of cubic metres/day				
1975	75	818.1	119	5,799.0
1976	74	1,052.6	118	6,180.0
1977	74	999.7	126	6,344.0
1978	73	969.2	135	6,665.0

Table 1.5 (cont'd)

Year	Ministry of Environment Operated Works		Municipally Operated Works	
	Number	Design Capacity	Number	Design Capacity
'000's of cubic metres/day				
1975	78	931.8	323	6,797.8
1976	74	1,098.4	336	7,365.6
1977	80	1,129.1	340	7,422.7
1978	87	1,417.3	340	7,464.9

¹⁾ No Treatment except disinfection with chlorine.

Source: Ministry of the Environment, *Water Sewage Treatment Works in Ontario (Annual)*, Pollution Control Branch.

Table 1.6
Emissions and Discharges
Liquid Industrial Wastes, Quantities Generated by Category, Ontario, 1977-78¹

	Liquid	Sludge	Total
	'000's litres		
Organic			
Plastic Resins	2,215.7	7,403.0	
Amines	1,094.7	225.5	
Aliphatic Solvents	9,464.1	672.8	
Aromatics	1,941.6	2,448.4	
Glycols	994.2	23.6	
Pesticides	4,505.0	4.5	
PCBs	141.4	34.5	
Phenolics & Toxic Organic	1,722.4	2,720.7	
Plant and Animal Waste	1,906.1	4,716.4	
Pigments, Printing and Adhesives	3,095.3	7,173.0	
Petroleum Oils	5,167.8	243.7	
Oily Water ²	9,091.8	9,091.8	
Organic Acids	114.1	183.2	
Pharmaceuticals and Cosmetics	83.2	-	
Nitrogenous Waste	258.7	-	
Hydrocarbons	72.7	-	
Total Organic	41,869.1	34,941.2	76,810.3
Inorganic			
Acids	12,028.0	3,030.3	
Alkalis	16,758.9	6,630.6	
Cyanides	190.9	20.5	
Chromates	2,341.1	1,024.2	
Zinc Salts	386.9	17.3	
Nickel Salts	265.5	-	
Copper and Brass Solutions	176.8	18.2	
Inert Sludges	1,124.2	6,025.6	
Phosphates	340.5	80.9	
Inorganic Pigments	-	11.8	
Misc. Organic	59.6	-	
Water and Oil ²	23,655.0	20,673.4	
Total Inorganic	57,327.4	37,532.8	94,860.2
Misc. Unclassified	..	..	3,565.8
Grand Totals	99,196.5	72,473.9	175,236.3

March 31.
Estimated.

Source: Ministry of the Environment, Waste Management Branch.

Table 1.7
Emissions and Discharges
Waste Loadings into Ontario Problem Areas¹ on the Great Lakes, 1977

Designated Problem Area	Flow	5-Day Biological Oxygen Demand	Suspended Solids	Total Dissolved Solids	Phosphorus
	'000's Cubic metres/day		Kilograms/day		
Lake Superior Area					
Jackfish Bay					
Kimberley Clark Ltd.	198	31,500	8,500	174,000	28
Nipigon Bay					
Dorstar Packaging Ltd.	85	15,700	4,200	42,500	20
Nipigon STP	1.1	59	50	..	5
Red Rock STP	0.8	123	82	..	4
Thunder Bay					
Northern Wood Preserves Ltd. ²	--	0.4	0.7	..	0.2
Great Lakes Paper Co. Industrial Grain Products Ltd.	206	92,500	17,500	405,000	68
	0.8	6,400	4,100	3,500	49
Abitibi Paper Co. Ltd.	151	75,100	9,500	206,000	42
Canada Malting Ltd.	1.9	2,200	350	1,720	22
Thunder Bay STP North	29.1	2,700	1,900	..	176.8
Thunder Bay STP South	33.1	1,690	1,790	..	102
Marathon					
Marathon Twsp STP ¹	1.4	127	89	..	8
American Can	86	17,800	6,600	88,900	25
Lake Huron Area					
Collingwood					
Collingwood STP	13.2	1,500	829	..	40
Spanish River					
Eddy Forest Products	127	28,600	7,080	191,000	280
Sudbury STP	49.9	749	649	..	99.9
CIL ²	0.3	..	..	..	..
Serpent Harbour					
Denison Mines ²	19	..	..	..	..
Rio Algom ²	25.9	..	..	..	..
Penetang Bay					
Penetanguishene STP	2	11	23	..	2.7
St. Mary's River					
Algoma Steel Corp ²	..	..	11,061	..	..
Abitibi Paper Co. ²	34	8,600	12,000	..	..
Sault Ste. Marie STP	42	3,000	2,410	..	186
Lake Erie Area					
Upper St. Clair River					
CIL ²	363	..	..	..	14.5
Ethyl Corp ²	38	..	..	..	1
Lambton Generating Station	180	..	..	..	1
Shell Oil ²	245	..	5,000	9,175	368
Sun Oil ²	122.7	..	320	3,121	122
Polysar ²	654	..	6,350	44,590	10

Table 1.7 (cont'd)

Emissions and Discharges

Waste Loadings into Ontario Problem Areas¹ on the Great Lakes, 1977

Designated Problem Area	Flow	5-Day Biological Oxygen Demand	Suspended Solids	Total Dissolved Solids	Phosphorus
	'000's Cubic metres/day		Kilograms/day		
Dow Chemical ²	81	..	5,389	..	..
Imperial Oil ²	198	..	1,976	6,357	198
Esso Chemical ²	13	..	21	4,586	..
Allied Chemical	18	..	..	..	0.1
Dupont	0.5	..	..	..	0.1
Gulf & Western	..	..	..	..	..
Moore (Corunna) STP	1.3	11	11	..	0.9
Sarnia STP	38.1	1,830	1,180	..	34
Moore (Courtright) STP	0.2	0.4	1.4	..	0.3
Wheatley Harbour					
Omstead Foods Ltd. ²	4.4	1,240	1,920	..	50
Detroit River					
Allied Chemicals ²	147	..	860	864,000	-
BASF Wyandotte Corp ²	42	..	155	3,900,000	-
Ford Motor Canada Ltd. ²	164	..	1,360	7,500	6.5
Canadian Salt Co. Ltd. ²	17	..	..	34,500	0.6
Calvert of Canada Ltd.	9.8	177	14	..	1.3
Chrysler of Canada Ltd. ²	11.3	527	210	..	15
Hiram Walker & Sons Ltd.	43	568	26	..	1.5
Windsor STP (Little River)	27.7	139	223	..	9
Windsor STP (Westerly)	100.8	2,200	2,000	..	59
Belle River STP	1.7	3.2	14	..	0.9
Amherstberg STP	4.2	316	182	..	7
Gulf & Western Ltd. ²	1.6	..	32	..	0.7
H. J. Heinz	..	..	..	..	..
Grand River					
Brantford STP	44	531	749	..	74.9
Cambridge (Galt) STP	23.6	354	472	..	49.7
Cambridge (Hespeler) STP	4.1	107	134	..	3.2
Cambridge (Preston) STP	7.7	148	316	..	7.3
Dunville STP	4.4	30	92	..	3.4
Guelph STP	45	617	790	..	36.8
Kitchener STP	65	1,200	917	..	84
Waterloo STP	24	429	481	..	24.1
Thames River					
Chatham STP	24.1	266	266	..	45.4
Ingersoll STP	5.1	30	36	..	8.2
London (Adelaide) STP	13.6	136	191	..	15
London (Greenway) STP	106.7	1,300	1,900	..	107
London (Oxford) STP	4.3	39	68	..	5
London (Pottersburg) STP	14.5	116	132	..	10.9
London (Vauxhall) STP	17.3	139	207	..	14
Stratford STP	18.2	73	55	..	12.7
Woodstock STP	2.5	649	350	..	2.5

Table 1.7 (cont'd)**Emissions and Discharges****Waste Loadings into Ontario Problem Areas¹ on the Great Lakes, 1977**

Designated Problem Area	Flow	5-Day Biological Oxygen Demand	Suspended Solids	Total Dissolved Solids	Phosphorus
	'000's Cubic metres/day		Kilograms/day		
Lake Ontario Area					
Niagara River					
Hooker Chemicals ²	0.3	20	5	..	0.0
Niagara Falls STP	45.6	2,330	1,730	..	59.5
Cyanamid	13.6	—	—	..	..
Gould Mfg. of Canada Ltd. ²	0.1	—	—	..	..
Holiday Farms ²	0.5	22	27	..	..
Queenston Quarries Ltd.	7.3	4.4	109	..	..
Fort Erie STP	13.8	499	608	..	21.8
Hamilton Harbour					
Hamilton STP	253.8	5,800	7,600	..	330
Dofasco ²	660	3,629	29,938	..	50
Stelco ²	1,370	9,072	49,896	..	91
Dundas STP	7.3	152	204	..	7.7
Stelco ²	10.5	..	31.4	..	..
Toronto Harbour Waterfront					
Metro Toronto (Highland Creek) STP	133	2,400	2,000	..	200
Metro Toronto (Humber) STP	343.7	6,700	7,550	..	317.8
Metro Toronto (Main) STP	698.3	11,900	12,600	..	599.3
Metro Toronto (North Toronto) STP	39	468	313	..	25
Bay of Quinte					
Domtar Packaging ²	2.5	1,700	420	..	3.8
Trent Valley Paperboard ²	4.2	500	1,100	..	1.8
Belleville STP	36.3	545	617	..	29.1
Union Carbide	..	..	..	..	..
Metcalf Foods of Canada	0.5	4.5	9.1	..	0.2
Napanee STP	7.2	1,400	654	..	68.1
Trenton STP	10.4	1,212	817	..	25
Trenton STP (CFB)	5.7	74	98	..	2.7

¹) Problem Areas: These are locations in the Great Lakes where field measurements show degraded water quality. These areas do not necessarily reflect recent developments in the identification of potentially toxic materials.

Sixty-three (63) problem areas on the Great Lakes were designated in 1975. As a result of a more thorough analysis, 17 areas were deleted and one area was added, leaving 47 designated areas for 1976. In 1977, one area was dropped and one was added so that 48 problem areas were designated. In 1978, the number of areas totalled 48. A total of 16 problem areas were in Ontario in 1978 while 8 were located on the interconnecting channels.

Problem area definitions have changed somewhat since 1975. Additional data and information can be found in the Annual Great Lakes Water Quality Reports and their Appendices.

STP denotes Sewage Treatment Plant.

²) Data on other contaminants discharged can be found in source documents.

Source: International Joint Commission, Water Quality Board, *Great Lakes Water Quality 1977 Appendix C*. Windsor, Ontario.

Table 1.8
Environmental Objectives
Ontario Ambient Air Quality Criteria

Name of Contaminant	Unit of Measurement	Period of time	Maximum Average Amount of Concentration Permitted
Carbon Monoxide (CM)	Parts of carbon monoxide per one million parts of air by volume	1 hr.	30
		8 hrs.	13
		24 hrs.	... ¹
		annual	... ¹
Nitrogen Dioxide (NO ₂)	Parts of nitrogen dioxide per one million parts of air by volume	1 hr.	0.20
		8 hrs.	... ¹
		24 hrs.	0.10
		annual	... ¹
Ozone (O ₃)	Parts of ozone per one million parts of air by volume	1 hr.	0.08
		8 hrs.	... ¹
		24 hrs.	... ¹
		annual	... ¹
Polling Index (SI)	Coefficient of Haze per 1000 feet of air	1 hr.	... ¹
		8 hrs.	... ¹
		24 hrs.	1.0
		annual	0.5
Sulphur Dioxide (SO ₂)	Parts of sulphur dioxide per one million parts of air by volume	1 hr.	0.25
		8 hrs.	... ¹
		24 hrs.	0.10
		annual	0.02
Total Suspended Particulate (TSP)	Micrograms of suspended particulate matter per cubic metre of air	1 hr.	... ¹
		8 hrs.	... ¹
		24 hrs.	120
		annual	60 (geometric mean)

No criteria have been established for these dose periods.

Source: Ontario Regulation 872/74, s.1, *The Environmental Protection Act*, 1971.

Table 1.9
Environmental Objectives
Phytotoxicology Excessive Levels For Contaminants, 1978

Contaminant	Concentration Considered Excessive ¹ ppm, dry weight	
	Vegetation (not washed foliage)	Surface Soil (0-5 cm)
Aluminum	400	... ²
Arsenic	8	25
Boron	200	... ²
Cadmium	5	8
Chromium	20	75
Cobalt	10	25
Copper	30	100
Fluorine	35	... ²
Iron	800	... ²
Lead	100 (50 rural)	600 (200 rural)
Manganese	500	1,500
Mercury	0.1	0.3
Molybdenum	8	2
Nickel	30	100
Selenium	3	5
Silver	2	2
Sodium	600	... ²
Vanadium	10	60
Zinc	250	400

1) These levels of contaminants are considered to be excessive, as compared to average levels of the elements which might be found under a variety of urban saturations *not* associated with industrial sources.

2) These elements exist naturally in soil and fluctuate widely through natural causes. There are no objectives at this time for these materials.

Source: Ministry of the Environment, Air Resources Branch, Phytotoxicology Section.

Table 1.10**Environmental Objectives**

Ambient Water Quality Objectives as Specified in the Agreement between Canada and the United States of America on Great Lakes Water Quality, 1978¹

Substance	Maximum Allowable Concentrations in Water Unless Otherwise Specified	Rationale (Most Sensitive Use)
Chemicals		
Persistent Toxic Substances		
Organic Compounds		
Pesticides		
Aldrin/Dieldrin	Sum of concentrations of both chemicals: 0.001 µg/l in water 0.03 µg/g in fish	For the protection of human consumers of fish
Chlordane	0.06 µg/l in water	To protect aquatic life
DDT and Metabolites	Sum of concentrations: 0.003 µg/l in water 1.0 µg/g in fish	To protect fish-consuming aquatic birds
Endrin	0.002 µg/l in water 0.3 µg/g in fish	To protect human consumers of fish
Heptachlor/Heptachlor Epoxide	Sum of concentrations of both chemicals: 0.001 µg/l in water 0.3 µg/g in fish	To protect human consumers of fish
Lindane	0.01 µg/l in water 0.3 µg/g in fish	To protect aquatic life To protect human consumers of fish
Mirex	Less than detection levels	To protect aquatic life and fish-consuming animals and birds
Toxaphene	0.008 µg/l	To protect aquatic life.
Other Compounds		
Phthalic Acid Esters		
dibutyl phthalate di	4.0 µg/l in water	To protect aquatic life
(2-ethylhexyl) phthalate	0.6 µg/l in water	
Polychlorinated Biphenyls (PCB's)	0.1 µg/g in fish	To protect fish-eating birds and animals
Inorganic Compounds		
Metals		
Arsenic	50 µg/l in water	To protect surface water for public water supply
Cadmium	0.2 µg/l in water	To protect aquatic life
Chromium	50 µg/l	To protect water for water supply
Copper	5 µg/l	To protect aquatic life
Iron	300 µg/l	To protect aquatic life

Table 1.10 (cont'd.)**Environmental Objectives**

Ambient Water Quality Objectives as Specified in the Agreement between Canada and the United States of America on Great Lakes Water Quality, 1978¹

Substance	Maximum Allowable Concentrations in Water Unless Otherwise Specified	Rationale (Most Sensitive Use)
Lead	10 µg/l in L. Superior 20 µg/l in L. Huron 25 µg/l in all other Great Lakes	To protect aquatic life
Mercury	0.2 µg/l in water 0.5 µg/g in fish	To protect aquatic life and fish-consuming birds
Nickel	25 µg/l	To protect aquatic life
Selenium	10 µg/l	To protect surface water for public water supplies
Zinc	30 µg/l	To protect aquatic life
Other Inorganic Substances		
Fluoride	1200 µg/l	To protect surface water for public water supplies
Total Dissolved Solids	200 µg/l in Lake Erie, Lake Ontario the International Section of the St. Lawrence, St. Clair River, Lake St. Clair, Detroit River and Niagara River Other – boundary waters – should not exceed present levels	
Non-Persistent Toxic Substance		
Organic Substances		
Pesticides		
Diazinon	0.08 µg/l	To protect aquatic life
Guthion	0.005 µg/l	To protect aquatic life
Parathion	0.008 µg/l	To protect aquatic life
Other Substances		
Oil and petro-chemicals	Should not be present in concentrations that can be detected as visible film, sheen, discolouration on surface, odour, the tainting of edible aquatic organisms or residues on shores.	To protect aquatic life
Inorganic Substances		
Ammonia	NH – 20 µg/l Total Ammonia – 500 µg/l	To protect public water supplies
Hydrogen sulfide	2.0 µg/l	To protect aquatic life
Other Substances		
Dissolved oxygen	6.0 mg/l ²	To protect fish life
pH	Within the range of 6.5 to 9.0	

Table 1.10 (cont'd.)**Environmental Objectives**

Ambient Water Quality Objectives as Specified in the Agreement between Canada and the United States of America on Great Lakes Water Quality, 1978¹

Substance	Maximum Allowable Concentrations in Water Unless Otherwise Specified	Rationale (Most Sensitive Use)
Nutrients		
Phosphorus	No concentration objectives Phosphorus control requirements specified in agreement	To prevent nuisance growths of algae, weeds and slimes
Tainting substances		
Raw public water supply sources	Free from objectionable taste and odour	To protect public water supplies
Phenolic compounds	1.0 µg/l in public water supplies	To protect public water supplies
Substances from human activity	Should not be present in concentrations which will lower the acceptability of these organisms as determined by organoleptic tests	To protect aquatic life
Physical Parameters		
Asbestos	Lowest practical level	To protect human health
Temperature	No change in temperature that would affect water uses.	To protect fish and aquatic life
Settleable and Suspended Solids	None from municipal, industrial or other sources that will form sludge deposits.	To protect aquatic life
Light Transmission	10% the value of secchi disc depth	To protect aquatic life
Microbiological	Substantially free from bacteria, fungi or viruses that may produce enteric disorders or eye, ear and nose, throat and skin infections or other human diseases and infections	To protect human health
Radiological	1 millirem to the whole to protect human body from a daily ingestion of 2.2 litres of lake water for one year. ³	To protect human health

¹ The Province of Ontario is obliged to adopt and enforce these objectives by virtue of the Canada-Ontario Water Quality Agreement. These objectives will change from time to time with new knowledge.

² Minimum allowable concentration.

³ See complete text in Agreement, Annex 1, p. 6.

Source: *Agreement Between Canada and the United States of America on Great Lakes Water Quality, 1978*. Signed in Ottawa, 22 Nov. 1978, Annex 1. Copies of the Agreement are available at all offices of the Ontario Ministry of the Environment.

Table 1.11
Ambient Quality Conditions
Ontario's Air Pollution Index¹, 1970–1978.

Year	City	Date Index Started or Closed	Number of Occasions		Maximum Recorded ⁴	Date of Maximum
			API = 32 ² or more	API = 50 ³ or more		
1970	Toronto	Mar. 23	17	2	56	Oct. 8
	Hamilton	Jun. 15	2	1	56	Oct. 8
1971	Toronto		19	1	52	Apr. 13
	Hamilton		23	–	48	Oct. 21
	Sudbury	Jan. 16	26	3	87	Dec. 11
	Windsor	Mar. 19	2	–	33	Nov. 10
	Happy Valley	May 13	20	7	64	Nov. 21
1972	Toronto		2	–	45	Feb. 13
	Hamilton		6	–	41	Feb. 13
	Sudbury		7	1	79	June 12
	Windsor		9	1	53	Jan. 29
	Happy Valley		20	11	139	Mar. 23
1973	Toronto		3	–	43	Oct. 24
	Hamilton		2	–	34	Feb. 14
	Sudbury		–	–	26	Mar. 14
	Windsor		7	–	44	Feb. 19
	Happy Valley		19	10	94	Aug. 21
1974	Toronto		3	1	50	Oct. 29
	Hamilton		11	–	44	Oct. 29
	Sudbury		1	–	32	July 13
	Windsor		2	–	41	Jan. 7
	Happy Valley		24	13	116	Apr. 23
	Welland	Jan. 1	46	15	77	Oct. 6
	Niagara Falls	Nov. 1	–	–	20	Nov. 9
1975	Happy Valley	(closed Jan.)				
	Toronto		2	1	62	Nov. 20
	Hamilton		10	–	38	Oct. 24
	Sudbury		–	–	30	Feb. 1
	Windsor		–	–	28	Feb. 11
	Welland		–	–	23	Jan. 24
	Niagara Falls		–	–	21	Nov. 24
	Coniston	Feb. 18	–	–	30	May 13

Table 1.11 (cont.d)

Ambient Quality Conditions
Ontario's Air Pollution Index,¹ 1970–1978.

Year	City	Date Index Started or Closed	Number of Occasions		Maximum Recorded ⁴	Date of Maximum
			API = 32 ² or more	API = 50 ³ or more		
1976	Toronto		1	—	33	Oct. 3
	Hamilton		8	—	41	Dec. 16
	Sudbury		—	—	28	June 6
	Windsor		1	—	34	Dec. 16
	Welland		—	—	24	Dec. 16
	Niagara Falls		—	—	25	Feb. 21
	Coniston		—	—	29	Sept. 16
	New Sudbury	Mar. 1	—	—	29	Apr. 2, 3 June 20
1977	Toronto		4	—	36	Jan. 15
	Hamilton		10	—	44	Mar. 12
	Sudbury		—	—	24	June 11
	Windsor (12008) ⁵		1	—	33	Apr. 19
	Windsor (12016) ⁵		—	—	29	Apr. 19
	Welland		—	—	22	Jan. 24
	Niagara Falls		—	—	28	Feb. 21
	Coniston		—	—	25	Apr. 25
	New Sudbury		1	—	39	June 11
	Sarnia	Dec. 1	—	—	15	Dec. 13
1978	Toronto		1	—	45	Nov. 5
	Hamilton		7	—	43	Nov. 4
	Sudbury		—	—	31	Jan. 22
	Windsor (12008) ⁵		1	—	33	Apr. 19
	Windsor (12016) ⁵		—	—	28	Feb. 18
	Welland	(closed Oct.)	—	—	24	Mar. 15
	Niagara Falls		—	—	23	Nov. 4
	Coniston		3	—	34	Feb. 7
	New Sudbury		1	—	42	Feb. 2
	Sarnia		3	—	41	Jan. 24

- ¹ The Air Pollution Index (API) is a value that is derived from an equation. The equation specifies the API value as a function of the 24-hour average concentrations of sulfur dioxide and the Coefficient of Haze (a measure of suspended particulate matter). See "Fact Sheet" "About Ontario's Air Pollution Index", No. AFS6-6/78, by the Ontario Ministry of the Environment. Available from the Information Services Branch.
- ² API = 32 is the "Advisory Level". At this level and if weather conditions are expected to remain adverse for at least 6 more hours, owners of significant sources of pollution in the community may be *advised* to curtail operations.
- ³ API = 50 is the "First Alert" level. At this level and if weather conditions are expected to remain adverse for at least 6 more hours, owners of major pollution sources may be *ordered* to curtail operations.
- ⁴ API No. 75 is the "Second Alert" level. Further curtailments of other pollution sources may be *ordered* to stop operations. API = 100 is the "Air Pollution Episode Threshold Level". If weather conditions are expected to maintain this level for 6 or more hours, owners of all pollution sources not essential to public health or safety will be *ordered* to cease operations.
- ⁵ Denotes specific air quality sampling station.

Source: Ministry of the Environment, Air Resources Branch.

Table 1.12
Ambient Quality Conditions
Number of Times Ambient Air Quality Criteria were Exceeded, 1971–1978

City	Pollutant	1971				1972				1973				1974				1975				1976				1977				1978			
		Hours				Hours				Hours				Hours				Hours				Hours				Hours							
		1	8	24	1Yr	1	8	24	1Yr	1	8	24	1Yr	1	8	24	1Yr	1	8	24	1Yr	1	8	24	1Yr	1	8	24	1Yr				
Hamilton	Sulphur Dioxide	6	...	2	1	-	...	-	-	-	...	-	-	-	...	-	-	-	...	-	-	-	...	-	-	-	...	-	-	-			
	Soiling Index	...	...	51	1	...	...	24	1	...	...	14	-	...	...	27	1	...	...	-	-	...	...	29	1	...	...	24	-	...		
	Carbon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	...			
	Monoxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	...			
	Total Suspended Particulate	...	...	217	1	...	...	203	1	...	...	203	1	...	...	158	1	...	...	111	1	...	...	117	1	...	...	107	...	...	84	1
	Total Oxidants (1970-72) and Ozone (1973-78)	178	...	...	...	10	...	...	...	...	...	...	...	37	...	...	...	317	...	...	...	95	...	...	...	15	...	...	71	...	...
Nitrogen Dioxide	...	...	...	...	-	...	-	...	2	...	...	...	...	...	...	...	-	...	-	...	-	...	-	...	-	...	-	...	-	...	3	...
Ottawa	Sulphur Dioxide	-	...	-	-	-	...	-	1	-	...	-	-	-	...	-	-	-	...	-	-	-	...	-	-	-	...	-	-	-	-	-	
	Soiling Index	...	...	1	-	...	...	-	-	...	...	-	-	...	...	-	-	...	...	-	-	...	...	-	-	...	...	-	-	-	-	-
	Carbon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Monoxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Total Suspended Particulate	...	...	29	1	...	...	11	1	...	...	9	1	...	...	7	1	...	...	1	-	...	...	-	-	...	...	-	-	-	-	-
	Total Oxidants (1970-72) and Ozone (1973-78)	7	...	...	...	...	...	...	...	...	...	...	...	5	...	...	...	85	...	...	...	10	...	...	...	17	...	...	66	...	...
Nitrogen Dioxide	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	-	...	-	...	-	...	-	...	-	...	-	...	-	...	-
Sarnia	Sulphur Dioxide	44	...	9	1	18	...	5	-	12	...	1	-	29	...	4	1	5	...	3	1	6	...	3	1	5	...	3	1	17	...	5	-
	Soiling Index	...	...	-	-	...	...	-	-	...	...	-	-	...	...	1	-	...	...	-	-	...	...	2	-	...	...	-	-	-	-	-
	Carbon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Monoxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Total Suspended Particulate	...	...	97	1	...	...	114	1	...	...	138	1	...	...	74	1	...	...	39	1	...	...	59	1	...	...	14	...	...	12	1
	Total Oxidants (1970-72) and Ozone (1973-78)	148	...	...	...	47	...	...	...	...	...	...	...	80	...	...	...	132	...	...	56	...	...	87	...	...	...	...	...	51	...	...
Nitrogen	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

City	Pollutant	1971			1972			1973			1974			1975			1976			1977			1978						
		Hours			Hours			Hours			Hours			Hours			Hours			Hours									
		1	8	24 1Yr	1	8	24 1Yr	1	8	24 1Yr	1	8	24 1Yr	1	8	24 1Yr	1	8	24 1Yr	1	8	24 1Yr							
Sudbury	Sulphur Dioxide	377	...	48	1	164	...	16	1	42	...	2	-	81	...	7	1	52	...	7	1	47	...	-	25	...	1	-	
	Sailing Index	...	...	1	-	...	...	-	-	...	...	-	-	...	...	-	-	...	...	-	-	...	-	-	...	-	-
	Carbon Monoxide	-	-	...	...	-	-	...	...	-	-	...	...	-	-	...	...	-	-	...	...	-	-	...	-	-	-
	Total Suspended Particulate	...	...	10	-	...	...	5	-	...	...	4	-	...	...	1	-	...	...	-	-	...	-	-	...	1	-		
	Total Oxidants (1970-72) and Ozone (1973-78)	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13	...	...	...	...	...	...	18	...	44	...	
Toronto	Nitrogen Dioxide	...	...	...	...	...	...	...	...	-	...	-	...	-	...	-	...	-	...	-	...	-	...	-	...	-	-	-
	Sulphur Dioxide	93	...	33	1	7	...	4	1	-	...	-	-	-	...	-	-	-	...	-	-	-	-	-	-	-	-	-	
	Sailing Index	...	...	25	1	...	...	4	-	...	...	6	-	...	...	4	-	...	...	8	-	...	2	-	...	7	...	4	-
	Carbon Monoxide	-	-	...	...	-	-	...	...	-	-	...	...	-	-	...	...	-	-	...	...	-	-	...	-	-	-	-
	Total Suspended Particulate	...	...	129	1	...	...	78	1	...	...	117	1	...	...	68	1	...	...	36	1	...	36	1	...	37	...	38	-
Windsor	Total Oxidants (1970-72) and Ozone (1973-78)	-	...	...	...	...	...	...	...	425	...	...	...	146	...	...	...	397	...	...	100	...	...	...	31	...	99	...	
	Nitrogen Dioxide	...	...	...	...	...	...	...	...	-	...	-	-	-	...	-	...	3	...	1	...	-	...	-	...	-	-	-	
	Sulphur Dioxide	118	...	15	1	64	...	13	1	31	...	8	1	21	...	6	1	2	...	2	1	5	...	1	1	-	-	-	-
	Sailing Index	...	...	12	1	...	...	12	1	...	...	9	-	...	...	4	-	...	...	5	-	...	6	-	...	8	...	11	1
	Carbon Monoxide	-	1	...	...	-	-	...	...	1	1	...	...	-	2	...	...	-	3	...	-	...	-	...	-	-	-	-	-
Sudbury	Total Suspended Particulate	...	...	73	1	...	...	66	1	...	...	63	1	...	...	54	1	...	...	17	1	...	20	1	...	13	...	6	1
	Total Oxidants (1970-72) and Ozone (1973-78)	80	...	...	...	8	...	...	...	-	...	...	...	59	...	...	...	169	...	...	209	...	...	258	...	201	...	...	...
	Nitrogen Dioxide	-	...	-	...	-	...	-	...	-	...	-	-	-	...	-	...	-	-	-	-	-	-	-	-	-	1	...	-

Table 1.13**Ambient Quality Conditions**Solid and Industrial Waste Disposal Sites Collection Systems Under the Ontario Certificate of Approval Program¹, 1976-1977

Waste Disposal Sites	1976			1977		
	Total New Sites Approved	Total Sites Closed	Total Sites Active as of Dec. 31	Total New Sites Approved	Total Sites Closed	Total Sites Active as of Dec. 31
Municipal, Private, and Industrial Waste Disposal Site	75	30	1,574	72	49	1,529
Sites Receiving Processed Organic Waste (treated sewage sludge)	140	35	290	125	47	185
Sites Receiving Derelict Motor Vehicles	33	2	405	24	4	374

Table 1.13 (cont'd)

Collection Systems	1976			1977		
	Total New Systems Approved	Total Systems Closed	Total Systems Active as of Dec. 31	Total New Systems Approved	Total Systems Closed	Total Systems Active as of Dec. 31
Municipal, Private, and Industrial Waste Haulers	68	29	1,058	76	88	1,019
Haulers who carry Processed Organic Waste (Treated sewage sludge)	35	10	82	35	18	57

1) All disposal sites and collection systems must have Certificates of Approval to be active. A number of sites were in operation prior to the program. Many of these were never issued Certificates of Approval and have been closed.

Source: Ministry of the Environment, Administrative Support Section, Environmental Approvals Branch.

Table 1.14**Environmental Effects****Results of MOE-MNR Sport Fish Contaminant Testing Program¹, 1976–1978**

	1976	1977	1978
Cumulative Number of Fish Tested	NA	31,000	43,000
Total Number of Inland Waterbodies Tested			
Northern Ontario	93	24	366
Southern Ontario	51	137	177
Total Number of Locations Tested on Great Lakes	23	63	82
Summary of Results			
Number of locations where one or more species tested were suitable for unrestricted consumption			
Northern Ontario	83	219	344
Southern Ontario	44	127	167
Great Lakes	22	58	77
Number of locations where no sizes of any species tested were suitable for unrestricted consumption			
Northern Ontario	10	21	20
Southern Ontario	7	10	10
Great Lakes	1	5	5
Number of locations where no fish of any species were found to be suitable for consumption			
Northern Ontario	–	1	2
Southern Ontario	–	–	–
Great Lakes	–	–	–

¹ As part of a co-operative program of the two Ministries, game fish from selected waterbodies are analysed for mercury, PCB, mirex, DDT and a range of organo-chlorine pesticides. Results are reported monthly by Environmental Health Bulletins and annually by the issuing of detailed Guides to Eating Ontario Sport Fish.

Sources: Ontario Government, *Health Implications of Contaminants in Fish*, 1977, Toronto.
 Ontario Government, *Guide to Eating Ontario Sport Fish*, 1973, 3 Vols. (Ministries of the Environment and Natural Resources, 1978 and 1979).

Table 1.15
Pollution Abatement and Environmental Protection Activities
Ministerial Orders Issued to Municipalities, Companies and Individuals Under Authority of the
Ontario Water Resources Act and the Ontario Environmental Protection Act (1971),
1976–1978

Year	MOE Region ¹	Number of New Orders Issued				Number of Orders Amended or Extended				Total of New & Previously Existing Orders			Number of Orders with Final Deadline in Year ²		
		CO ³	R&D ⁴	PA ⁵	O ⁶	CO	R&D	PA	O	CO	R&D	PA	CO	R&D	PA
1976	W.C.	–	–	–	–	1	–	–	–	1	–	–	–	–	–
	S.E.	3	1	–	–	1	–	–	–	5	1	–	–	–	–
	C.	2	1	1	–	–	–	1	–	5	2	–	1	–	–
	S.W.	–	–	–	–	1	–	–	–	1	–	–	–	–	–
	N.E.	–	–	–	–	–	–	–	–	4	–	–	–	–	–
	N.W.	–	–	1	–	–	–	–	–	2	–	4	–	–	–
	Total	5	2	2	–	3	–	1	–	18	3	4	1	–	–
1977	W.C.	4	1	3	–	1	–	–	–	7	1	3	1	–	–
	S.E.	4	–	–	–	–	–	–	–	5	1	–	2	1	–
	C.	2	1	3	3	–	–	1	–	4	1	7	–	–	–
	S.W.	–	–	–	–	–	–	–	–	1	–	–	–	–	–
	N.E.	6	2	–	2	1	–	–	–	11	2	–	–	–	–
	N.W.	3	2	–	–	2	–	2	–	5	2	4	–	–	–
	Total	19	6	6	5	4	–	3	–	33	7	14	3	1	–
1978	W.C.	2	–	3	–	2	–	–	–	9	1	6	1	–	2
	S.E.	2	–	–	–	–	–	–	–	7	–	–	1	–	–
	C.	3	2	–	3	–	1	–	–	7	2	3	–	2	3
	S.W.	–	2	3	2	1	–	–	–	1	2	3	–	1	1
	N.E.	2	3	–	5	2	–	–	–	12	4	–	2	1	–
	N.W.	1	–	–	–	–	–	–	–	6	2	4	1	–	3
	Total	10	7	6	10	5	1	–	–	42	11	16	5	4	9

1) W.C. = West Central Region;
S.E. = Southeastern Region;
C. = Central Region;
S.W. = Southwestern Region;
N.E. = Northeastern Region;
N.W. = Northwestern Region.

2) Control Orders and other Ministerial Orders often have a number of different deadline dates for individual components of the programs. The number of orders that are supposed to terminate in each part year are listed. This does not necessarily mean that abatement programs have been completed. Refer to MOE regional offices for status of actual orders.

3) CO = Control Order, Sect.6, Part IX, Ontario Environmental Protection Act, 1971

4) R&D = Requirement and Direction, Sect.69, Ontario Water Resources Act

5) PA = Program Approval, Sect.10, Ontario Environmental Protection Act, 1971

6) O = Order, Sect.60, Ontario Environmental Protection Act, 1971.

Source: Ministry of the Environment, Regional Operations and Laboratories Division.

Table 1.76
Pollution Abatement and Environmental Protection Activities
Prosecutions by the Ontario Ministry of the Environment, 1977-78 to 1978-79

Year in Which Court Proceedings Started	Number of Prosecutions				Disposition			
	Charges Laid Under Environmental Protection Act	Charges Laid Under Ontario Water Resources Act	Charges Laid Under Pesticides Act	Total	Convictions	Aquittals & Dismissals	Charges Withdrawn	Other ¹
1977-78	43	17	9	69	41	4	3	21
								\$14,400. - York Sanitation (12 charges)
1978-79	55	9	7	71	32	4	2	33
								\$26,500. - York Sanitation (42 charges)

1) Includes cases appealed by accused and cases appealed by the Ministry. Also includes stays of proceedings, trials which have not yet concluded and cases which have not yet come to trial but charges have been laid.

Source: Ministry of the Environment, Legal Services Branch
 (For further details on individual cases, see the "Prosecution Activity" file in the Legal Services Branch.)

Tabel 1.17

**Pollution Abatement and Environmental Protection Activities
Estimated Capital Costs of Pollution Control Facilities for Industrial Sectors, Ontario¹, 1967 - 1978.**

Year	Basic Iron & Steel	Chemicals	Food	Metal Working Plating & Finishing	Mining & Metallurgy	Petroleum & Petro chemicals	Pulp and Paper	Service Industry	Tanning and Rendering	Miscellaneous Manufacturing	Total	
											Number	\$000's
1967	1,469	1,112	219	-	2,064	813	778	-	-	4,372	65	10,827
1968	173	1,161	1,011	-	1,400	-	1,006	72	-	477	85	5,300
1969	531	2,276	1,960	-	958	-	5,686	273	-	3,397	116	15,080
1970	25	2,059	716	673	1,872	1,177	6,502	10,315	-	2,086	124	25,515
1971	12,983	3,837	824	528	13,301	2,084	6,519	2,043	152	633	140	42,904
1972	2,230	3,861	1,808	88	3,071	4,671	13,372	431	-	2,662	119	32,824
1973	3,804	867	41	101	37,101	3,489	5,323	559	-	1,267	75	52,558
1974	5,750	2,013	20	55	2,144	5,373	5,952	960	253	32	52	22,552
1975	4,849	11,941	223	256	5,812	6,025	3,434	693	53	580	94	31,136
1976	5,182	1,665	646	937	253	24,577	4,529	6,802	-	18	75	44,609
1977	350	9,010	980	43	2,386	10,742	16,537	1,140	-	44	58	41,231
1978												
Air	4,803	5,254	12,086	1,243	31,776	3,582	7,046	771	50	6,528	411	73,139
Water	5,420	17,090	122	75	10,941	60	3,578	2,058	719	2,217	66	42,279

¹⁾ 1967-1971 estimates are for water pollution control expenditures only. These are cost estimates provided by proponents on their applications for Certificates for approval.

Only cost estimates for pollution abatement facilities have been extracted for this compilation.

Proponents are not obliged to supply cost estimates. In fact, in some cases, these data are omitted. About 35% of the applications for air pollution control facilities in 1978 did not provide cost data. Consequently, these figures represent the order of magnitude of private capital expenditure for pollution abatement but likely understate the actual amounts.

Source: Ministry of the Environment, Applications for Certificates of Approval, Industrial Approvals Section, Environment Approvals Branch.

Table 1.18
Pollution Abatement and Environmental Protection Activities
Total Value of Construction (New and Repair) of Waterworks and Sewage Systems, Ontario,
1970–1978

Year	Drainage and Water Supply Facilities ¹	Sewage Treatment Facilities ²	Total Water & Sewage	Total Construction	Water and Sewage		
					Water	Sewage	Total Construction
			\$000's			%	
1970	100,767	107,148	207,915	4,984,865	48.5	51.5	4.2
1971	100,665	101,955	242,620	5,596,904	58.0	42.0	4.3
1972	154,739	137,014	291,753	6,275,813	53.0	47.0	4.6
1973	168,698	150,397	319,095	7,135,957	52.9	47.1	4.5
1974	226,120	230,028	456,148	8,501,278	49.5	50.5	5.4
1975	260,314	258,427	518,741	8,989,399	50.2	49.8	5.8
1976	293,084	270,014	563,098	10,065,954	52.0	48.0	5.6
1977 ^P	310,968	238,009	548,977	10,475,509	56.7	43.3	5.2
1978 ³	314,377	229,335	543,712	11,060,677	57.9	42.1	5.0

¹ Includes tile drains, drainage ditches, storm sewers, water mains, hydrants and services, pumping stations, water, water storage tanks.

² Includes sewage systems and connections.

³ Intended.

Source: SC, *Construction in Canada*, Catalogue No. 64-201.

Table 1.19
Pollution Abatement and Environmental Protection Act
Ontario Government Expenditures for Environmental Programs, 1970–71 to 1979–80.

Year	Expenditures				M.O.E. ³ as % of Province
	Ministry of the Environment			Provincial Government	
	Budgetary ¹	Capital ²	Total		
	\$ Millions				
1970-71	21	53	74	5,762	1.3
1971-72	25	60	84	6,600	1.3
1972-73	37	80	117	6,995	1.7
1973-74	45	81	126	7,830	1.6
1974-75	58	127	185	9,772	1.9
1975-76	83	155	238	11,220	2.1
1976-77	94	146	245	12,350	2.0
1977-78	114	137	251	13,479	1.7
1978-79	126	157	283	14,458	2.0
1979-80 ⁴	130	156	286	15,558	1.8

¹ For salaries, equipment, services, and direct grants to local governments for sewage and water works construction.

² Capital subsidies for water, sewage and solid waste processing.

³ Ministry of the Environment.

⁴ Projected.

Source: *Ontario Public Accounts, Annual*

Population

Highlights

- Population of Canada and Ontario** — In 1978 Canada's population stood at an estimated 23.5 million, an 8.9 per cent increase over the 1971 Census population of 21.6 million. Ontario's 1978 population of 8.4 million represented 36.0 per cent of Canada's population and was an increase of 9.6 per cent over the 1971 Census population of 7.7 million. In 1977, 50.2 per cent of Canada's population was female, as compared to 50.5 per cent female in Ontario. In 1977, 51.9 per cent of the Ontario population was under the age of 30; the corresponding figure in 1956 was 50.8 per cent. 1976 population data reveal that 44.8 per cent of Ontario's population were never married, while 49.0 per cent were married.

There were 1.6 million persons aged 0–14 years in 1956 and 2.2 million persons in 1966, a 36.2 per cent increase. One of the highest levels reached for this age group was in 1968 with 2.2 million persons. This was followed by a drop of 7.9 per cent to the 1977 level of 2.0 million. Every other age group has demonstrated an increase through the 1971 to 1977 period: the group aged 15–24 has grown 14.5 per cent to 1.6 million; those aged 25–44 have grown 16.8 per cent to 2.3 million; the group aged 45–64 has increased 12.3 per cent to 1.7 million and the age group of 65 and over has shown a 18.3 per cent increase to 762,300 persons.

The major religious denomination in Ontario in 1971 was Roman Catholic with 33.4 per cent of the population; next came United with 21.8 per cent of the population; and then Anglican with 15.8 per cent.

- Census Metropolitan Areas** — The population of Toronto, Ottawa–Hull and Hamilton increased by 9.5 per cent, 13.2 per cent and 6.0 per cent respectively between 1971 and 1977. In 1951, 44.6 per cent of Toronto's population was located in the suburban portion; by 1976 this figure had increased to 77.4 per cent, representing an increase of 73.5 per cent. During the same period, the suburban portion of Ottawa–Hull increased from 35.2 per cent to 56.1 per cent, an increase of 59.4 per cent. Hamilton increased from 20.2 per cent to 41.1 per cent, an increase of 103.5 per cent for the same period.
- Urban and Rural Population Distribution** — The percentage of Ontario's population living in urban areas in 1951 was 73.4 per cent; by 1976 this had risen to 81.2 per cent. 75.4 per cent of Ontario's 1971 urban population were Canadian-born compared with 89.2 per cent of the 1971 rural population. In 1971, of the 1.7 million Ontario residents born in foreign countries, 91.5 per cent lived in urban areas. Of the total residents in Ontario in 1971, 6.7 per cent came from the United Kingdom, 3.3 per cent from Italy, 1.3 per cent from Germany, and 1.3 per cent from the United States.
- Registered Indian Population** — Ontario had 64,576 registered Indians in 1977 of whom 50.3 per cent were male. The increase in total registered Indians in Ontario from 1971 to 1977 was 14.2 per cent. In 1977 the majority of registered Indians in Ontario, 62.7 per cent, lived on reserves; 32.2 per cent lived away from reserves; and 5.1 per cent lived on crown lands.

Definitions

All figures for population are estimates, except those of the Census. Estimates for population are based on census year figures. For example, estimates after 1971 are based on the 1971 census population tabulations with births and immigrants added and deaths and emigrants deducted.

Language, Official — Refers to the ability to carry on a conversation of some length on various topics in either of the official languages of Canada (English and French).

Language Most Often Spoken at Home — Refers to the language spoken most frequently by the person in his home.

Mother Tongue — Refers to the first language learned that is still understood. Infants who have not yet learned to speak are considered to have as mother tongue the language most often spoken in the home.

Population (Canadian Residents) — Refers to the total number of persons whose usual place of residence at the census date (i.e., midnight between May 31 and June 1, of the particular Census year) was somewhere in Canada, including Canadian government employees and their families stationed abroad, members of Canadian Armed Forces and their families, stationed abroad and crews of Canadian merchant vessels. Not included are government representatives of other countries and their families attached to the legation, embassy, or other diplomatic body of that country, members of the Armed Forces of other countries stationed in Canada and members of their families who are not citizens of Canada, students attending school in Canada whose usual residence is outside Canada, and residents of another country visiting in Canada temporarily.

Population, Farm — All persons living in a dwelling situated on a census-farm (as defined in the census) were considered to be farm population, regardless of their occupation. In the case of institutions located on a census-farm, only the manager, hired agricultural workers and members of their households were included with this population. Persons living on census-farms that were located in cities, towns and villages were included with the census-farm population of the adjoining rural subdivision.

Population, Rural Farm — All persons living in dwellings situated on census-farms in rural areas. The rural farm population includes persons living on census-farms who are not connected with the farming operations and who derive their income from non-agricultural pursuits. Conversely, farm operators and their families who live elsewhere than on a census-farm are not included. A census-farm is any holding of one acre (0.405 hectare) or more with sales of agricultural products during the past 12 months of \$1,200 or more.

Population, Rural Non-Farm — All persons living in rural localities in dwellings other than those situated on census-farms.

Population, Urban — The urban population includes all persons living in an area having a population concentration of 1,000 or over and a population density of 1,000 or more per square mile (386 per square kilometre).

Religion (religious denomination) — Refers to the specific religious body, denomination, sect or community reported in answer to the question "What is your religion?".

Respondents were asked to give a specific denomination, even if they did not attend a place of worship, although provision was made for marking "No religion" if the person considered this to be the appropriate answer. For infants and young children, the religion in which they were being raised was reported. Census figures do not measure church membership nor do they indicate the degree of affiliation with any religious body.

Rounding Methodology — For tabulations derived from the 1971 and 1976 Census of Population the random rounding technique was utilized. Every number in the 1971 and 1976 tabulation is a multiple of five, or all numbers in the table have as their final digit either 5 or 0. The technique provides strong protection against direct, residual or negative disclosures without adding significant error to the census data.

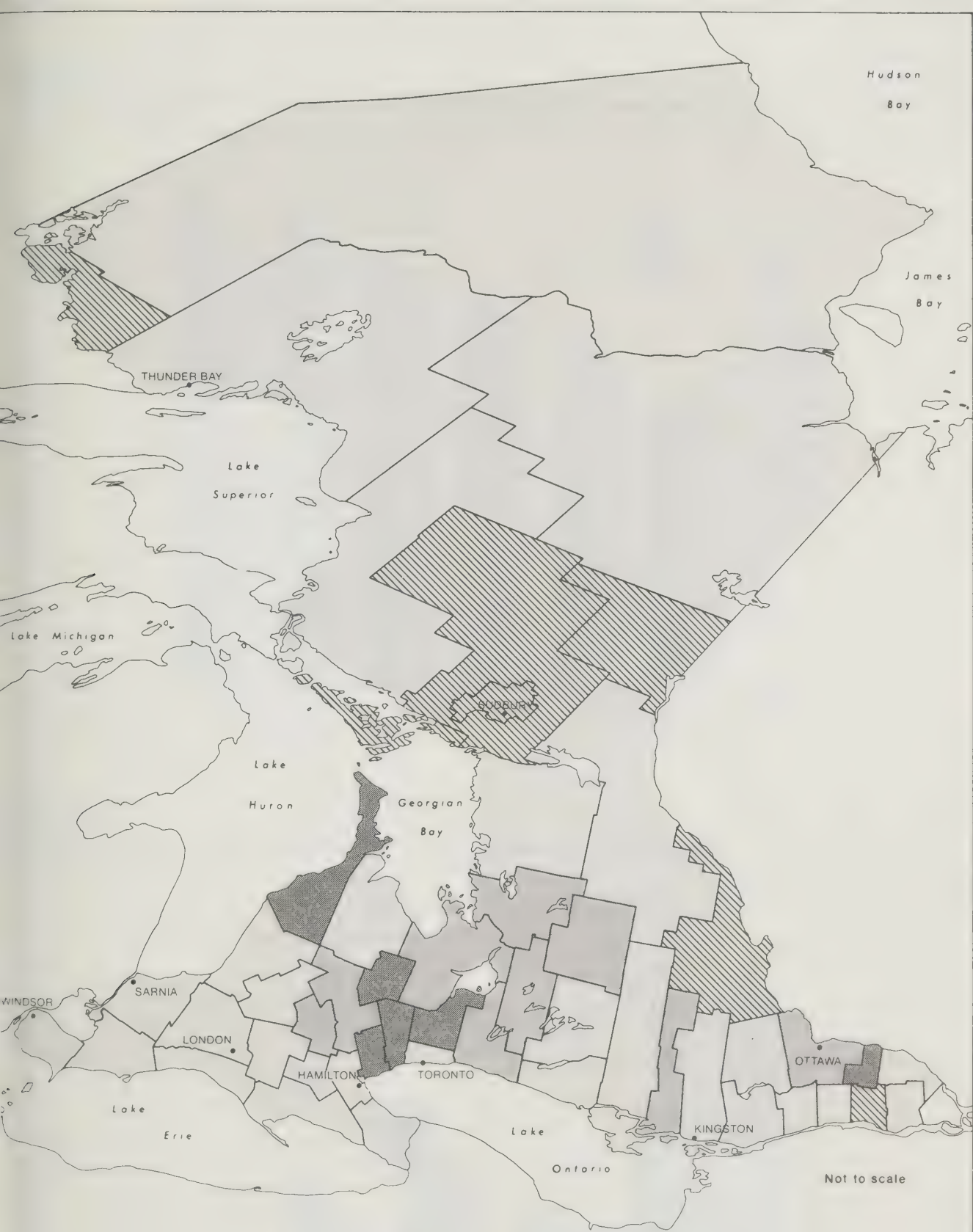
Census Metropolitan Area (CMA) — A geo-statistical area designed by Statistics Canada to identify a large (i.e. population greater than 100,000) and interrelated socio-economic community typically including a number of municipalities.

Census Agglomeration — A geo-statistical area designed by Statistics Canada to identify an urbanized area which is smaller than a CMA but also forming an interrelated socio-economic community, typically including a number of municipalities.

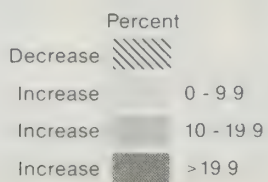
County — A basic political and/or administrative division in Prince Edward Island, Quebec and Ontario. In Ontario there also exist a number of Regional Municipalities (i.e. Muskoka) and one Metropolitan Municipality (York). These areas are treated as Counties.

Registered Indian — is a person who pursuant to the Indian Act is registered as an Indian.

Enfranchisement of Registered Indian — A person with respect to whom an order for enfranchisement is made under the Indian Act shall from the date thereof or from the date of enfranchisement provided therein be deemed not to be an Indian within the meaning of the Indian Act.

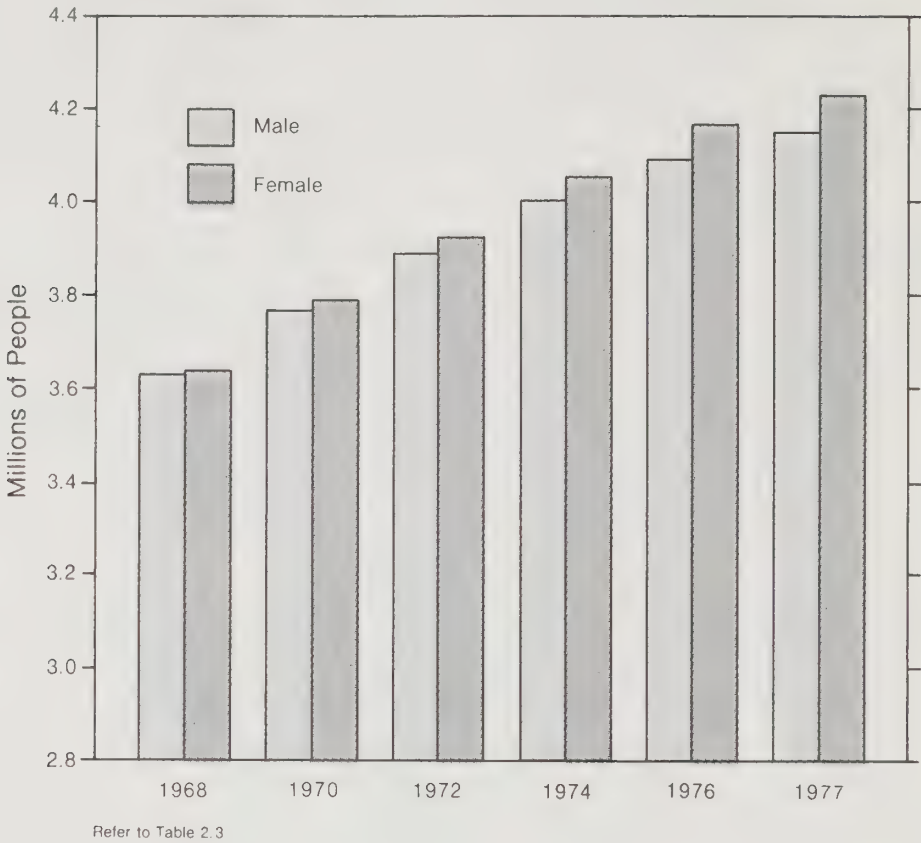


Map 2.A Population Change¹, 1971-1976

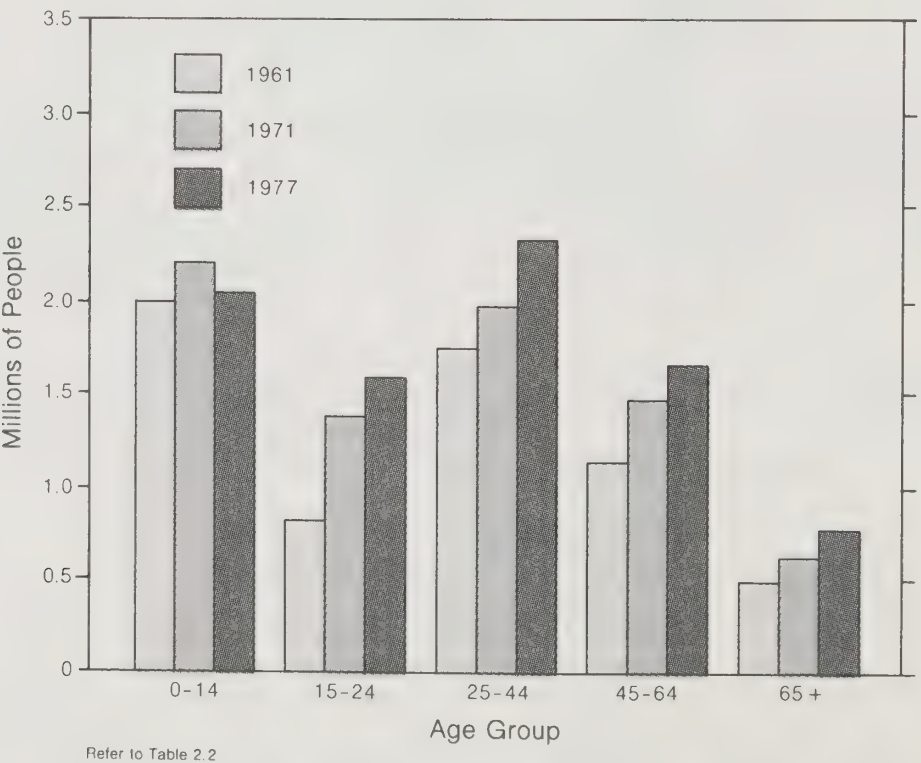


¹Census population by county

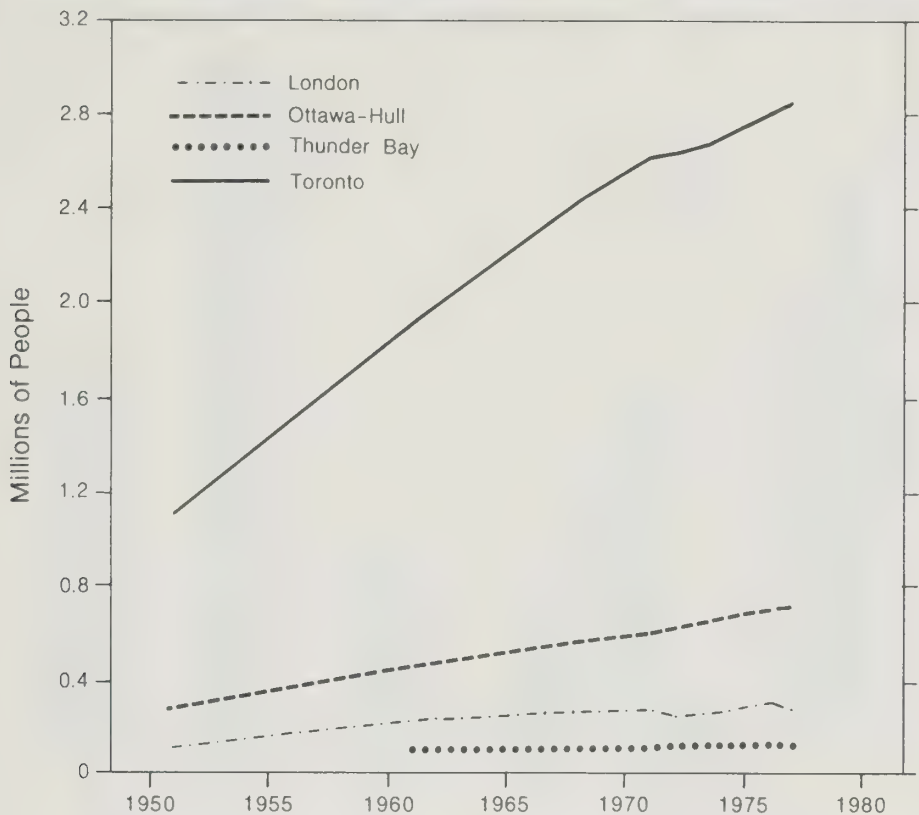
Graph 2.B
Population by Sex, Ontario, Selected Years, 1968-1977



Graph 2.C
Population by Age Group, Ontario, Selected Years, 1961-1977

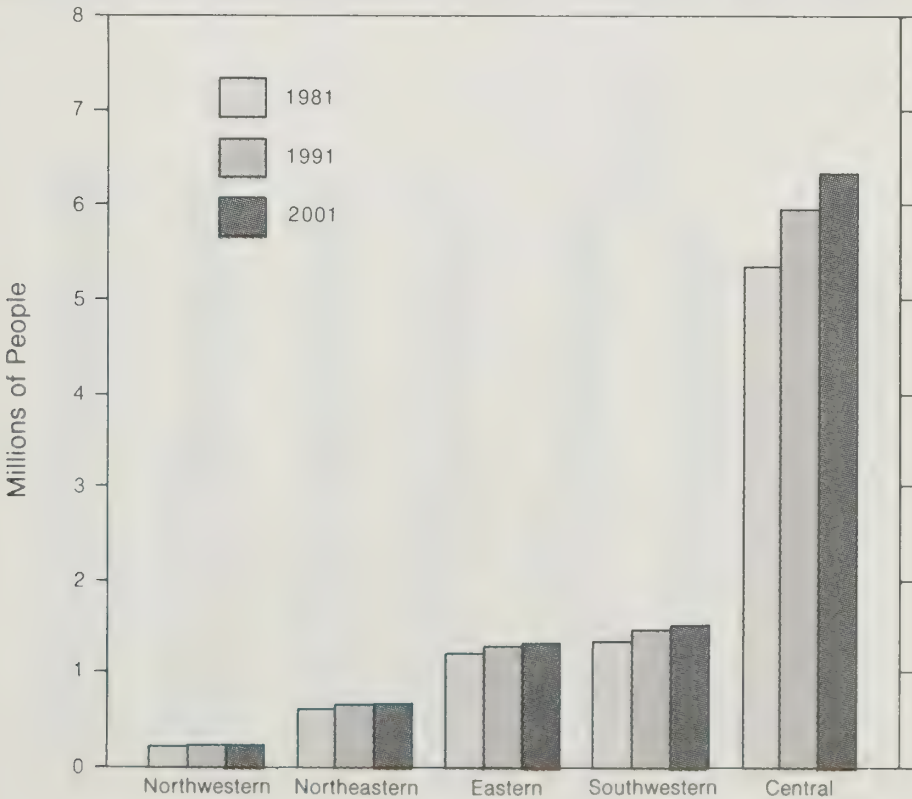


Graph 2.D
Population by Census Metropolitan Area, Ontario, Selected Years, 1951-1977



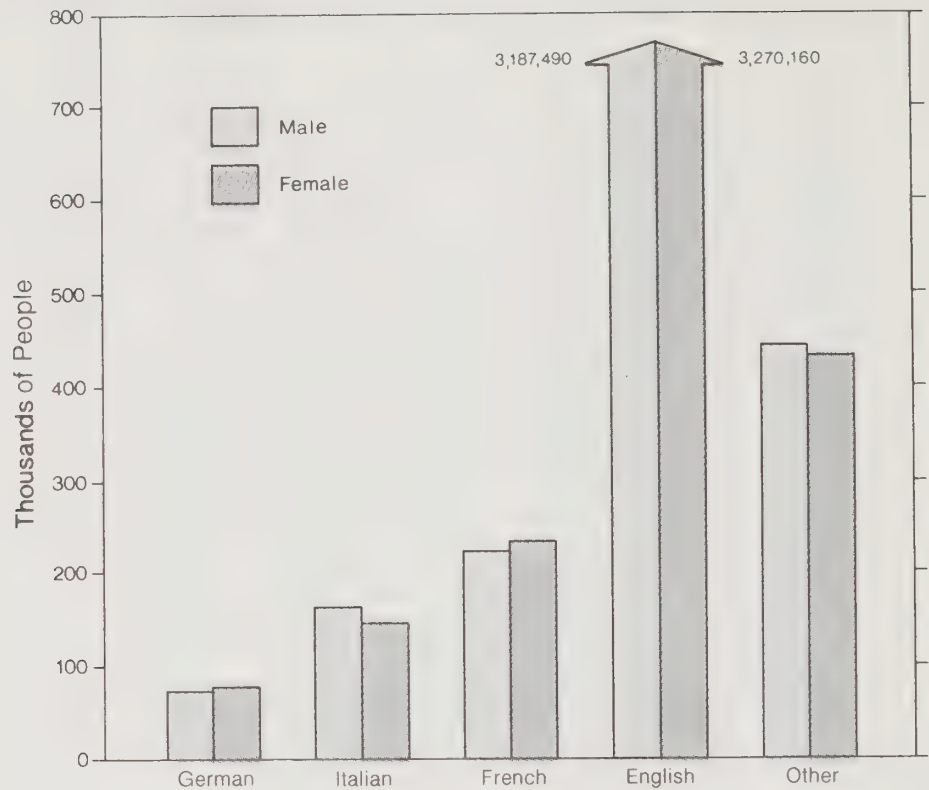
Refer to Table 2.14

Graph 2.E
Population Projections, by Planning Region, Ontario, Selected Years, 1981-2001



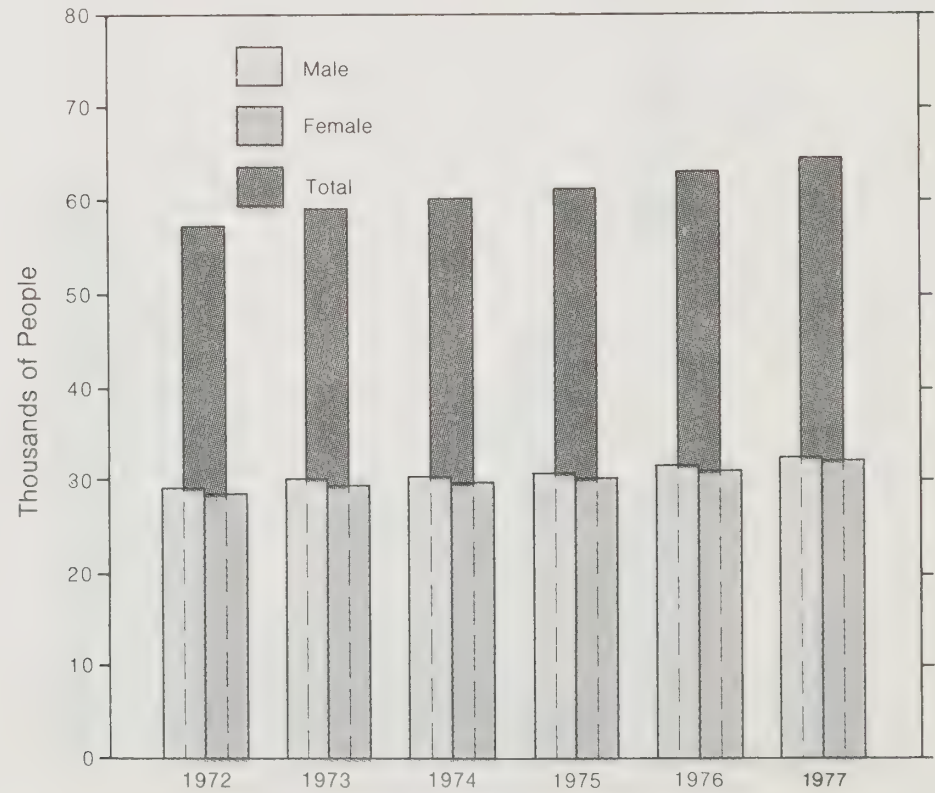
Refer to Table 2.6

Graph 2.F
Population by Mother Tongue and Sex, Ontario, 1976



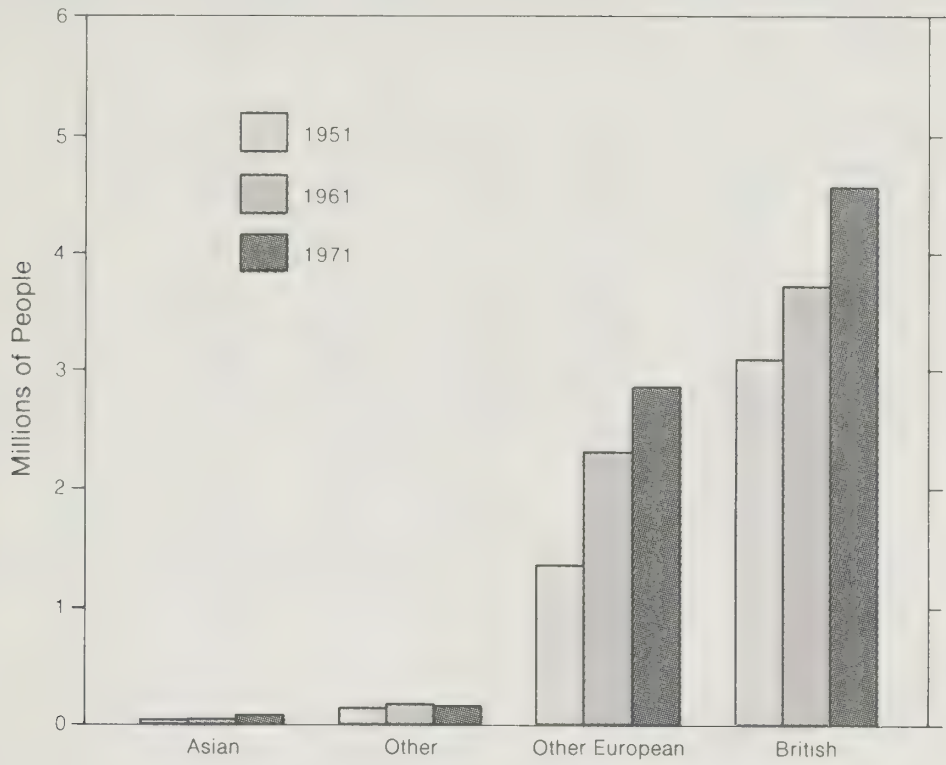
Refer to Table 2.11

Graph 2.G
Registered Indian Population, by Sex, Ontario, 1972-1977



Refer to Table 2.21

Graph 2.H
Population by Ethnic Group, Ontario, Census Years, 1951-1971



Refer to Table 2 19

Table 2.1
Population by Province, Canada, 1952–1978

	1952	1953	1954	1955	1956	1957	1958	1959	1960
	'000's								
Canada	14,459	14,845	15,287	15,698	16,081	16,610	17,080	17,483	17,870
Ontario	4,788	4,941	5,115	5,266	5,405	5,636	5,821	5,969	6,111
Newfoundland	374	383	395	406	415	424	432	441	448
Prince Edward Island	100	101	101	100	99	99	100	101	103
Nova Scotia	653	663	673	683	695	701	709	719	727
New Brunswick	526	533	540	547	555	562	571	582	589
Québec	4,174	4,269	4,388	4,517	4,628	4,769	4,904	5,024	5,142
Manitoba	798	809	823	839	850	862	875	891	906
Saskatchewan	843	861	873	878	881	880	891	907	915
Alberta	973	1,012	1,057	1,091	1,123	1,164	1,206	1,248	1,291
British Columbia	1,205	1,248	1,295	1,342	1,399	1,482	1,538	1,567	1,602
Yukon	9	9	10	11	12	12	13	13	14
Northwest Territories	16	16	17	18	19	19	20	21	22

Table 2.1 (cont'd)

	1961	1962	1963	1964	1965	1966	1967	1968	1969
	'000's								
Canada	18,238	18,583	18,931	19,290	19,644	20,015	20,378	20,701	21,000
Ontario	6,236	6,351	6,481	6,631	6,788	6,961	7,127	7,262	7,388
Newfoundland	458	468	476	483	488	493	499	506	511
Prince Edward Island	105	107	108	109	109	109	109	110	111
Nova Scotia	737	746	751	755	756	756	760	767	771
New Brunswick	598	605	609	611	615	617	620	625	628
Québec	5,259	5,371	5,481	5,584	5,685	5,781	5,864	5,928	5,988
Manitoba	922	936	949	959	965	963	963	971	977
Saskatchewan	925	930	933	942	950	955	957	960	965
Alberta	1,332	1,369	1,403	1,429	1,450	1,463	1,490	1,524	1,555
British Columbia	1,629	1,660	1,699	1,745	1,797	1,874	1,945	2,003	2,061
Yukon	14	15	15	15	14	14	15	15	16
Northwest Territories	23	25	26	27	27	29	29	30	31

Table 2.1 (cont'd)
Population by Province, Canada, 1952–1978

	1970	1971	1972	1973	1974	1975	1976 ^r	1977 ^r	1978 ^p
	'000's								
Canada	21,297	21,569	21,802	22,043	22,364	22,697	22,993	23,258	23,481
Ontario	7,551	7,703	7,810	7,909	8,054	8,172	8,265	8,354	8,444
Newfoundland	517	522	530	537	542	549	558	564	569
Prince Edward Island	110	112	113	114	115	117	118	120	122
Nova Scotia	782	789	795	804	812	820	829	835	841
New Brunswick	627	635	640	647	654	665	677	687	695
Québec	6,013	6,028	6,054	6,079	6,123	6,179	6,235	6,278	6,285
Manitoba	983	988	991	996	1,008	1,014	1,022	1,029	1,032
Saskatchewan	941	926	914	905	900	907	921	937	947
Alberta	1,595	1,628	1,657	1,690	1,722	1,778	1,838	1,896	1,950
British Columbia	2,128	2,185	2,241	2,302	2,376	2,433	2,467	2,493	2,530
Yukon	17	18	20	21	21	21	22	21	22
Northwest Territories	33	35	37	39	40	41	43	43	44

Source: SC, *Population Estimates and Projections Division*.

Table 2.2
Population by Age Group, Ontario, 1952–1977

Age Group	1952	1953	1954	1955	1956	1957	1958	1959
	'000's							
Total	4,788.0	4,941.0	5,115.0	5,266.0	5,404.9	5,636.0	5,821.0	5,969.0
0–4	541.5	562.6	587.4	610.3	628.8	662.4	693.4	710.5
5–9	439.5	469.8	503.2	534.3	563.7	588.0	614.5	634.6
10–14	348.1	366.6	387.6	407.3	425.9	466.3	501.8	531.0
15–19	323.3	329.1	335.6	341.4	346.8	364.9	385.5	399.8
20–24	357.2	360.9	364.1	364.4	365.1	379.5	386.6	385.8
25–29	396.4	403.4	409.5	413.5	417.4	431.6	435.0	431.9
30–34	370.1	385.2	405.2	422.5	438.7	454.9	459.9	463.6
35–39	353.6	363.8	374.6	382.9	390.8	413.2	430.6	444.8
40–44	316.4	327.8	340.7	351.3	361.1	369.7	377.1	385.3
45–49	277.5	285.6	295.3	304.0	312.2	323.7	333.7	344.4
50–54	251.9	256.0	261.1	265.5	269.3	276.9	283.9	293.7
55–59	216.2	221.3	227.1	232.1	236.5	241.2	243.6	249.7
60–64	184.8	187.1	189.8	192.1	194.2	199.1	202.0	208.0
65–69	157.8	159.9	162.6	165.3	167.4	169.2	170.7	173.9
70–74	119.9	123.6	127.5	130.8	134.2	137.3	139.5	142.5
75–79	73.5	76.1	79.0	81.3	83.2	86.5	89.2	92.6
80–84	38.8	39.9	41.4	42.8	44.4	45.6	46.9	49.1
85–89	16.3	16.9	17.6	18.2	18.8	19.3	20.1	20.5
90+	5.2	5.4	5.7	6.0	6.4	6.7	7.0	7.3

Table 2.2 (cont'd)
Population by Age Group, Ontario, 1952–1977

Age Group	1960	1961	1962	1963	1964	1965	1966	1967	1968
'000's									
Total	6,111.0	6,236.1	6,351.0	6,481.0	6,631.0	6,788.0	6,960.9	7,127.0	7,262.0
0-4	724.3	740.2	751.8	762.6	764.3	760.3	745.7	727.1	700.0
5-9	656.9	674.5	686.4	705.5	726.4	747.8	770.1	779.9	786.0
10-14	562.2	593.1	615.0	631.6	647.4	665.5	688.3	711.5	731.0
15-19	418.5	436.9	466.9	503.4	539.8	571.3	599.2	628.6	652.0
20-24	387.3	386.9	393.0	407.0	427.9	452.3	485.1	523.6	560.0
25-29	428.5	422.7	414.2	408.7	411.2	418.0	433.9	454.1	475.0
30-34	463.4	459.8	453.3	446.3	444.0	443.8	447.2	450.9	453.0
35-39	458.0	469.3	472.9	471.3	470.2	470.3	472.6	471.5	468.0
40-44	392.1	397.3	408.4	422.2	439.5	455.9	469.4	478.5	480.0
45-49	353.5	360.8	366.1	369.9	373.7	380.2	391.0	404.3	421.0
50-54	302.1	309.8	317.1	324.8	334.5	344.5	353.4	360.6	364.0
55-59	254.4	258.3	264.9	270.9	277.7	285.2	293.3	303.4	314.0
60-64	213.3	218.5	222.5	226.6	231.9	237.8	244.1	251.3	258.0
65-69	177.0	180.0	183.4	187.7	191.6	195.1	199.2	203.5	208.0
70-74	144.2	146.3	147.2	148.4	151.3	155.0	159.0	161.0	162.0
75-79	95.5	97.7	100.4	102.4	104.0	106.3	108.5	112.2	114.0
80-84	50.9	53.5	55.6	58.0	60.0	61.8	63.2	65.4	67.0
85-89	21.3	22.6	23.6	24.7	26.0	27.1	27.9	29.2	30.0
90+	7.6	7.9	8.3	9.0	9.6	9.8	9.8	10.4	11.0

Table 2.2 (cont'd)

Age Group	1969	1970	1971	1972 ¹	1973 ¹	1974 ¹	1975 ¹	1976 ¹	1977 ¹
'000's									
Total	7,385.0	7,551.0	7,703.1	7,809.9	7,908.8	8,054.1	8,172.2	8,264.5	8,373.0
0-4	672.7	654.5	637.3	632.0	630.5	630.6	624.2	607.2	607.0
5-9	787.6	787.5	783.5	758.0	722.4	693.0	675.4	667.8	658.0
10-14	752.8	772.4	787.7	798.2	808.7	817.2	816.8	798.8	777.0
15-19	671.0	693.6	713.4	733.6	751.7	772.5	787.2	808.0	821.0
20-24	595.4	637.6	674.1	672.0	680.0	704.6	727.9	744.4	767.0
25-29	500.0	533.3	567.4	609.5	638.7	670.4	696.3	715.8	712.0
30-34	455.8	465.7	478.1	494.7	515.7	543.3	566.4	586.4	631.0
35-39	465.8	467.2	468.5	466.8	466.4	474.5	482.1	490.0	504.0
40-44	478.6	476.1	474.1	475.3	475.7	478.0	476.1	474.6	474.0
45-49	439.5	457.2	469.8	470.4	472.2	472.0	472.6	471.9	472.0
50-54	366.5	371.8	381.1	402.6	424.8	446.6	457.3	465.0	464.0
55-59	325.2	335.7	343.6	345.5	344.6	344.8	353.3	369.4	39.0
60-64	264.6	272.0	280.0	290.1	299.5	309.8	321.2	326.3	328.0
65-69	214.6	221.1	227.8	233.2	238.7	245.3	251.3	260.9	271.0
70-74	164.4	167.6	171.5	175.8	181.4	187.3	192.5	197.3	202.0
75-79	116.9	119.0	121.0	123.7	125.8	128.5	132.5	137.0	140.0
80-84	69.6	72.0	74.4	76.3	78.1	79.3	80.8	83.0	85.0
85-89	32.0	33.8	35.9	37.3	38.3	39.6	40.6	41.5	42.0
90+	12.0	12.9	13.9	14.9	15.8	16.8	17.8	19.3	20.0

1) Census figures (rounded).

2) Preliminary estimates.

Source: SC, *Estimated Population by Sex and Age Group, for Canada and Provinces*.

Table 2.3
Population by Sex, by Province, Canada, 1966-1977

		1966	1967	1968	1969	1970	1971
		'000's					
Canada	T	20,014.9	20,378.0	20,701.0	21,001.0	21,297.0	21,568.3
	M	10,054.4	10,232.2	10,387.8	10,530.7	10,669.1	10,795.4
	F	9,960.5	10,145.8	10,313.2	10,470.3	10,627.9	10,772.9
Ontario	T	6,960.9	7,127.0	7,262.0	7,385.0	7,551.0	7,703.1
	M	3,479.2	3,561.5	3,627.4	3,687.2	3,767.1	3,840.9
	F	3,481.7	3,565.5	3,634.6	3,697.8	3,783.9	3,862.2
Newfoundland	T	493.4	499.0	506.0	514.0	517.0	522.1
	M	252.1	254.9	258.3	262.3	263.7	266.1
	F	241.3	244.1	247.7	251.7	253.3	256.0
Prince Edward Island	T	108.5	109.0	110.0	111.0	110.0	111.6
	M	55.0	55.1	55.6	56.0	55.5	56.2
	F	53.5	53.9	54.4	55.0	54.5	55.4
Nova Scotia	T	765.0	760.0	767.0	775.0	782.0	787.0
	M	380.5	382.5	386.0	390.0	393.2	396.5
	F	375.5	377.5	381.0	385.0	388.8	392.5
New Brunswick	T	616.8	620.0	625.0	628.0	627.0	634.6
	M	310.1	311.7	314.3	315.8	315.1	319.4
	F	306.7	308.3	310.7	312.2	311.9	315.2
Québec	T	5,780.8	5,864.0	5,928.0	5,985.0	6,013.0	6,027.8
	M	2,885.9	2,927.2	2,957.3	2,983.1	2,993.4	2,994.6
	F	2,894.9	2,936.8	2,970.7	3,001.9	3,019.6	3,033.2
Manitoba	T	963.1	963.0	971.0	979.0	983.0	988.2
	M	484.3	483.6	487.4	490.9	492.1	494.6
	F	478.8	479.4	483.6	488.1	490.9	493.6
Saskatchewan	T	955.4	957.0	960.0	958.0	941.0	926.2
	M	489.1	489.4	490.4	488.6	479.3	470.7
	F	466.3	467.6	469.6	469.4	461.7	455.5
Alberta	T	1,463.2	1,490.0	1,524.0	1,559.0	1,595.0	1,627.9
	M	746.2	759.0	775.7	793.3	811.2	827.8
	F	717.0	731.0	748.3	765.7	783.8	800.1
British Columbia	T	1,873.7	1,945.0	2,003.0	2,060.0	2,128.0	2,184.6
	M	948.6	983.6	1,011.2	1,038.4	1,071.9	1,100.4
	F	925.1	961.4	991.8	1,021.6	1,056.1	1,084.2
Yukon	T	14.4	15.0	15.0	16.0	17.0	18.4
	M	7.8	8.1	8.2	8.7	9.2	9.9
	F	6.6	6.9	6.8	7.3	7.8	8.5
Northwest Territories	T	28.7	29.0	30.0	31.0	33.0	34.8
	M	15.6	15.6	16.0	16.4	17.4	18.3
	F	13.1	13.4	14.0	14.6	15.6	16.5

Table 2.3 (cont'd)**Population by Sex, by Province, Canada, 1966-1977**

		1972 ^r	1973 ^r	1974 ^r	1975 ^r	1976 ¹	1977 ¹
		'000's					
Canada	T	21,801.3	22,043.0	22,363.9	22,697.1	22,992.6	23,291.1
	M	10,900.8	11,010.4	11,159.0	11,313.8	11,449.5	11,589.0
	F	10,900.5	11,032.6	11,204.9	11,383.3	11,543.1	11,702.1
Ontario	T	7,809.9	7,908.8	8,054.1	8,172.2	8,264.5	8,373.5
	M	3,889.6	3,934.3	4,001.9	4,055.9	4,096.9	4,147.4
	F	3,920.3	3,974.5	4,052.2	4,116.4	4,167.6	4,226.1
Newfoundland	T	530.0	537.2	541.5	549.1	557.7	562.5
	M	269.9	273.5	275.5	279.2	283.4	286.0
	F	260.0	263.7	266.0	269.9	274.3	276.5
Prince Edward Island	T	112.6	114.0	115.2	117.1	118.2	120.3
	M	56.7	57.3	57.9	58.8	59.3	60.3
	F	55.9	56.7	57.3	58.3	58.9	60.0
Nova Scotia	T	794.6	804.3	811.5	819.5	828.6	835.4
	M	398.9	403.3	406.5	410.0	414.2	417.5
	F	395.7	401.0	405.0	409.4	414.4	417.9
New Brunswick	T	640.1	647.1	653.6	665.2	677.2	686.4
	M	321.9	325.1	328.1	333.6	339.3	343.9
	F	318.2	322.0	325.5	331.6	337.9	342.5
Québec	T	6,053.6	6,078.9	6,122.7	6,179.0	6,234.4	6,283.1
	M	3,004.9	3,015.0	3,034.3	3,059.7	3,084.6	3,106.7
	F	3,048.7	3,063.8	3,088.4	3,119.3	3,149.8	3,176.4
Manitoba	T	991.2	996.2	1,007.5	1,013.6	1,021.5	1,031.3
	M	495.5	497.3	502.3	504.7	508.0	512.4
	F	495.7	498.9	505.2	508.9	513.5	518.9
Saskatchewan	T	914.0	904.5	899.7	907.4	921.3	936.5
	M	463.8	458.3	455.2	458.4	464.8	471.5
	F	450.2	446.2	444.5	449.0	456.6	465.0
Alberta	T	1,657.3	1,689.5	1,722.4	1,778.3	1,838.0	1,899.7
	M	842.3	858.3	874.5	902.5	932.4	963.2
	F	815.0	831.2	847.8	875.8	905.7	936.5
British Columbia	T	2,241.4	2,302.4	2,375.7	2,433.2	2,466.6	2,497.6
	M	1,127.2	1,156.0	1,190.9	1,217.8	1,232.5	1,245.6
	F	1,114.2	1,146.4	1,184.8	1,215.4	1,234.1	1,252.0
Yukon	T	19.5	20.5	20.5	21.3	21.8	21.5
	M	10.5	11.1	11.0	11.4	11.7	11.5
	F	9.0	9.5	9.5	9.9	10.1	10.0
Northwest Territories	T	37.3	39.4	39.6	41.2	42.6	43.3
	M	19.6	20.7	20.8	21.7	22.5	22.8
	F	17.7	18.7	18.7	19.5	20.2	20.5

1) Census figures (rounded).

2) Postcensal preliminary figures.

Source: SC, *Estimated Population by Sex and Age Group, for Canada and Provinces.**Revised Annual Estimates of Population, by Sex and Age Group, Canada and the Provinces.*

County		0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
Total Ontario	M	306,239	334,081	379,339	423,188	389,698	355,402	332,578	265,867	238,713
	F	292,178	316,483	361,384	402,899	390,687	362,672	329,818	261,353	233,513
	T	598,417	650,564	740,723	826,087	780,385	718,074	662,396	527,220	472,226
Eastern Ontario	M	40,707	43,941	52,347	61,702	58,113	50,233	45,417	36,216	31,878
	F	38,984	41,412	49,487	58,356	57,024	50,225	44,753	35,244	31,180
	T	79,691	85,353	101,834	120,058	115,137	100,458	90,170	71,460	63,058
Dundas	M	624	786	902	1,039	820	690	709	557	490
	F	620	753	866	991	708	677	632	533	438
	T	1,244	1,539	1,768	2,030	1,528	1,367	1,341	1,090	928
Frontenac	M	4,013	4,161	4,875	5,602	6,551	5,439	4,519	3,659	3,106
	F	3,745	3,896	4,507	5,425	5,957	5,147	4,280	3,283	3,063
	T	7,758	8,057	9,382	11,027	12,508	10,586	8,799	6,942	6,169
Glengarry	M	698	788	1,022	1,238	883	662	620	538	481
	F	699	720	1,019	1,154	798	630	609	503	423
	T	1,397	1,508	2,041	2,392	1,681	1,292	1,229	1,041	904
Grenville	M	946	1,046	1,343	1,410	1,171	924	943	829	754
	F	891	1,054	1,232	1,279	1,084	964	947	740	688
	T	1,837	2,100	2,575	2,689	2,255	1,888	1,890	1,569	1,442
Hastings	M	3,626	4,240	5,016	6,040	4,936	3,954	3,485	3,022	2,981
	F	3,540	3,907	4,671	5,673	4,826	3,888	3,474	3,129	2,863
	T	7,166	8,147	9,687	11,713	9,762	7,842	6,959	6,151	5,844
Lanark	M	1,445	1,536	1,988	2,367	2,238	1,802	1,644	1,312	1,059
	F	1,380	1,521	1,893	2,269	2,038	1,717	1,571	1,205	1,078
	T	2,825	3,057	3,881	4,636	4,276	3,519	3,215	2,517	2,137
Leeds	M	1,718	1,996	2,391	2,772	2,459	1,928	1,837	1,612	1,408
	F	1,642	1,895	2,276	2,542	2,322	1,890	1,880	1,512	1,436
	T	3,360	3,891	4,667	5,314	4,781	3,818	3,717	3,124	2,844
Lennox & Addington	M	1,288	1,453	1,646	1,718	1,433	1,327	1,395	1,074	814
	F	1,191	1,344	1,489	1,605	1,274	1,323	1,274	940	767
	T	2,479	2,797	3,135	3,323	2,707	2,650	2,669	2,014	1,581
Ottawa-Carleton	M	18,337	19,395	22,572	26,475	26,285	25,088	22,489	17,239	15,062
	F	17,399	18,083	21,319	25,040	28,398	26,046	22,580	17,242	14,833
	T	35,736	37,478	43,891	51,515	54,683	51,134	45,069	34,481	29,895
Prescott	M	1,036	1,172	1,458	1,817	1,498	1,141	1,070	867	724
	F	1,057	1,092	1,459	1,753	1,322	1,075	1,011	819	731
	T	2,093	2,264	2,917	3,570	2,820	2,216	2,081	1,686	1,455
Prince Edward	M	654	726	974	1,240	979	735	726	592	559
	F	668	768	907	1,164	891	727	694	573	540
	T	1,322	1,494	1,881	2,404	1,870	1,462	1,420	1,165	1,099
Renfrew	M	3,204	3,490	4,220	5,204	4,960	3,346	2,928	2,508	2,356
	F	3,142	3,318	4,031	4,868	3,686	2,919	2,822	2,471	2,304
	T	6,346	6,808	8,251	10,072	8,646	6,265	5,750	4,979	4,660
Russell	M	921	884	1,118	1,181	928	929	951	721	494
	F	859	923	1,107	1,099	834	955	882	642	440
	T	1,780	1,807	2,225	2,280	1,762	1,884	1,833	1,363	934
Stormont	M	2,197	2,268	2,822	3,599	2,972	2,268	2,101	1,686	1,590
	F	2,151	2,138	2,711	3,494	2,886	2,267	2,097	1,652	1,576
	T	4,348	4,406	5,533	7,093	5,858	4,535	4,198	3,338	3,166

Table 2.4 (cont'd)
Estimated Population by Sex and Age Groups, by County and Planning Region, Ontario, 1978

		45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 +	Total
Total Ontario	M	241,534	228,864	199,787	156,237	129,697	90,336	59,195	31,284	20,243	4,182,282
	F	233,066	235,364	214,327	170,165	149,127	117,872	87,967	57,478	45,165	4,261,518
	T	474,600	464,228	414,114	326,402	278,824	208,208	147,162	88,762	65,408	8,443,800
Eastern Ontario	M	32,049	30,216	28,045	22,511	18,420	12,407	7,881	4,533	2,984	579,600
	F	31,375	32,167	31,007	25,147	21,262	16,685	12,270	8,504	6,710	591,792
	T	63,424	62,383	59,052	47,658	39,682	29,092	20,151	13,037	9,694	1,171,392
Dundas	M	430	470	476	436	413	285	201	102	67	9,497
	F	442	509	466	455	411	336	255	181	148	9,421
	T	872	979	942	891	824	621	456	283	215	18,918
Frontenac	M	3,170	2,888	2,722	2,164	1,788	1,135	725	427	308	57,252
	F	2,935	3,071	2,833	2,419	1,931	1,515	1,154	831	697	56,689
	T	6,105	5,959	5,555	4,583	3,719	2,650	1,879	1,258	1,005	113,941
Glengarry	M	486	536	486	483	463	312	244	106	76	10,122
	F	497	535	576	468	416	361	256	196	162	10,022
	T	983	1,071	1,062	951	879	673	500	302	238	20,144
Grenville	M	669	701	598	584	549	373	213	121	79	13,253
	F	701	718	694	636	556	465	332	225	197	13,403
	T	1,370	1,419	1,292	1,220	1,105	838	545	346	276	26,656
Hastings	M	2,986	2,727	2,615	2,141	1,841	1,315	810	475	307	52,517
	F	2,894	2,917	2,871	2,361	2,008	1,598	1,209	766	626	53,221
	T	5,880	5,644	5,486	4,502	3,849	2,913	2,019	1,241	933	105,738
Lanark	M	1,111	1,112	1,093	968	908	628	496	271	158	22,136
	F	1,090	1,172	1,295	1,149	1,037	812	671	468	331	22,697
	T	2,201	2,284	2,388	2,117	1,945	1,440	1,167	739	489	44,833
Leeds	M	1,467	1,383	1,319	1,197	1,166	781	431	260	182	26,307
	F	1,414	1,504	1,480	1,327	1,258	977	678	505	408	26,946
	T	2,881	2,887	2,799	2,524	2,424	1,758	1,109	765	590	53,253
Lennox & Addington	M	853	764	786	589	574	417	284	156	100	16,671
	F	794	823	789	546	597	475	364	211	193	15,999
	T	1,647	1,587	1,575	1,135	1,171	892	648	367	293	32,670
Ottawa-Carleton	M	15,005	13,931	12,714	9,412	6,896	4,314	2,644	1,544	1,044	260,446
	F	14,742	15,047	14,425	11,031	8,865	6,716	4,945	3,475	2,694	272,880
	T	29,747	28,978	27,139	20,443	15,761	11,030	7,589	5,019	3,738	533,326
Prescott	M	742	766	671	591	498	398	254	134	92	14,929
	F	804	759	730	646	542	450	325	204	129	14,908
	T	1,546	1,525	1,401	1,237	1,040	848	579	338	221	29,837
Prince Edward	M	560	638	627	563	462	374	236	122	80	10,847
	F	563	664	642	549	512	374	287	205	158	10,886
	T	1,123	1,302	1,269	1,112	974	748	523	327	238	21,733
Renfrew	M	2,430	2,317	2,049	1,813	1,490	1,089	702	471	268	44,843
	F	2,351	2,307	2,150	1,852	1,530	1,323	939	630	483	43,126
	T	4,781	4,624	4,199	3,665	3,020	2,412	1,641	1,101	751	87,970
Russell	M	488	390	433	361	295	224	146	81	71	10,616
	F	440	434	404	324	310	244	176	129	115	10,317
	T	928	824	837	685	605	468	322	210	186	20,933
Stormont	M	1,652	1,593	1,456	1,209	1,077	762	495	263	152	30,162
	F	1,708	1,707	1,652	1,384	1,289	1,039	679	478	369	31,277
	T	3,360	3,300	3,108	2,593	2,366	1,801	1,174	741	521	61,439

Table 2.4 (cont'd)
Estimated Population by Sex and Age Groups, by County and Planning Region, Ontario, 1978

County		0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
Central Ontario	M	186,059	201,698	227,848	249,022	232,619	221,449	211,860	169,064	152,285
	F	177,267	191,595	217,288	237,315	237,262	230,211	212,417	166,576	149,185
	T	363,326	393,293	445,136	486,337	469,881	451,660	424,277	335,640	301,470
Brant	M	3,661	3,983	4,785	5,164	4,790	4,060	3,745	2,870	2,574
	F	3,488	3,777	4,467	4,906	4,582	4,014	3,508	2,928	2,582
	T	7,149	7,760	9,252	10,070	9,372	8,074	7,253	5,798	5,156
Dufferin	M	1,320	1,581	1,636	1,613	1,218	1,156	1,429	1,175	895
	F	1,221	1,436	1,496	1,488	1,096	1,298	1,424	1,057	834
	T	2,541	3,017	3,132	3,101	2,314	2,454	2,853	2,232	1,729
Durham	M	10,278	11,608	13,019	14,359	11,501	10,230	11,212	9,438	7,954
	F	9,918	11,088	12,536	13,398	11,178	10,877	11,368	8,981	7,631
	T	20,196	22,696	25,555	27,757	22,679	21,107	22,580	18,419	15,585
Haldimand-Norfolk	M	3,167	3,626	4,268	4,927	4,280	3,383	3,198	2,540	2,371
	F	3,053	3,447	3,935	4,452	3,880	3,220	3,007	2,535	2,269
	T	6,220	7,073	8,203	9,379	8,160	6,603	6,205	5,075	4,640
Haliburton	M	310	354	447	521	404	332	302	278	237
	F	276	358	397	476	356	300	325	250	270
	T	586	712	844	997	760	632	627	528	507
Halton	M	8,989	10,487	12,246	13,125	10,482	8,227	10,038	9,174	7,986
	F	8,502	10,121	11,708	12,346	9,854	8,846	10,820	8,903	7,706
	T	17,491	20,608	23,954	25,471	20,336	17,073	20,858	18,077	15,692
Hamilton-Wentworth	M	13,896	15,254	17,990	20,191	19,584	17,896	15,047	12,167	11,161
	F	13,403	14,437	17,107	19,402	19,757	17,679	15,136	11,968	11,274
	T	27,299	29,691	35,097	39,593	39,341	35,575	30,183	24,135	22,435
Muskoka	M	1,178	1,348	1,579	1,992	1,692	1,388	1,206	1,051	991
	F	1,171	1,346	1,529	1,894	1,568	1,334	1,229	1,008	979
	T	2,349	2,694	3,108	3,886	3,260	2,722	2,435	2,059	1,970
Niagara	M	12,132	14,651	17,128	19,001	16,817	13,586	12,937	10,797	9,735
	F	11,617	13,738	16,378	18,317	16,549	13,761	13,006	10,902	9,969
	T	23,749	28,389	33,506	37,318	33,366	27,347	25,943	21,699	19,704
Northumberland	M	2,246	2,487	2,974	3,604	2,951	2,417	2,404	1,829	1,743
	F	2,124	2,376	2,903	3,332	2,698	2,294	2,193	1,791	1,660
	T	4,370	4,863	5,877	6,936	5,649	4,711	4,597	3,620	3,403
Peel	M	18,470	20,549	21,289	20,833	16,671	17,343	20,919	17,711	14,572
	F	17,633	19,703	20,296	19,734	17,682	19,536	21,433	16,596	13,084
	T	36,103	40,252	41,585	40,567	34,353	36,879	42,352	34,307	27,656
Peterborough	M	3,367	3,754	4,346	5,184	4,751	3,909	3,514	2,843	2,495
	F	3,169	3,649	4,232	5,014	4,470	3,709	3,518	2,801	2,536
	T	6,536	7,403	8,578	10,198	9,221	7,618	7,032	5,644	5,031
Simcoe	M	8,224	9,155	10,264	11,704	10,616	8,507	8,707	6,996	5,903
	F	7,904	8,638	9,656	10,792	9,552	8,578	8,439	6,664	5,513
	T	16,128	17,793	19,920	22,496	20,168	17,085	17,146	13,660	11,416
Toronto	M	72,168	73,256	83,224	91,642	94,704	99,396	89,187	67,435	63,666
	F	68,468	69,415	79,498	88,677	102,290	105,156	89,056	68,363	64,022
	T	140,636	142,671	162,722	180,319	196,994	204,552	178,243	135,798	127,688

Table 2.4 (cont'd)
Estimated Population by Sex and Age Groups, by County and Planning Region, Ontario, 1978

		45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 +	Total
Central Ontario	M	153,621	144,490	123,491	93,826	77,973	53,625	34,857	18,007	11,996	2,563,790
	F	147,944	148,118	131,168	102,859	91,268	72,157	53,878	34,803	27,833	2,629,140
	T	301,565	292,608	254,659	196,685	169,241	125,782	88,735	52,810	39,829	5,192,930
Brant	M	2,606	2,813	2,535	2,056	1,766	1,251	826	393	281	50,150
	F	2,643	2,964	2,798	2,356	2,033	1,664	1,281	812	675	51,470
	T	5,249	5,777	5,333	4,412	3,799	2,915	2,107	1,205	956	101,630
Dufferin	M	790	708	621	533	478	398	250	116	80	15,990
	F	744	655	650	549	488	388	312	199	155	15,490
	T	1,534	1,363	1,271	1,082	966	786	562	315	235	31,480
Durham	M	7,923	6,951	5,528	4,169	3,220	2,305	1,610	883	562	132,750
	F	7,297	6,837	5,569	4,176	3,628	2,980	2,266	1,423	1,171	132,320
	T	15,220	13,788	11,097	8,345	6,848	5,285	3,876	2,306	1,733	265,070
Haldimand-Norfolk	M	2,419	2,351	2,121	1,774	1,710	1,333	902	447	268	45,080
	F	2,371	2,414	2,358	1,998	1,824	1,561	1,135	708	490	44,650
	T	4,790	4,765	4,479	3,772	3,534	2,894	2,037	1,155	758	89,740
Haliburton	M	287	293	274	285	300	262	129	67	31	5,110
	F	255	291	343	317	330	242	157	76	70	5,080
	T	542	584	617	602	630	504	286	143	101	10,200
Halton	M	7,877	6,880	5,343	3,609	2,615	1,700	1,044	545	394	120,760
	F	7,273	6,557	5,306	3,663	2,862	2,268	1,610	1,080	917	120,340
	T	15,150	13,437	10,649	7,272	5,477	3,968	2,654	1,625	1,311	241,100
Hamilton-Wentworth	M	11,957	12,540	11,145	8,484	6,679	4,646	3,131	1,597	996	204,360
	F	12,055	13,092	11,552	8,801	7,989	6,339	4,937	3,117	2,512	210,550
	T	24,012	25,632	22,697	17,285	14,668	10,985	8,068	4,714	3,508	414,910
Muskoka	M	1,095	1,016	898	876	920	670	425	187	131	18,640
	F	1,035	1,077	1,105	1,046	966	768	515	344	252	19,160
	T	2,130	2,093	2,003	1,922	1,886	1,438	940	531	383	37,800
Niagara	M	10,439	10,718	9,639	7,415	6,143	4,329	2,984	1,486	926	180,860
	F	10,493	11,295	10,319	8,082	7,010	5,681	4,241	2,859	2,103	186,320
	T	20,932	22,013	19,958	15,497	13,153	10,010	7,225	4,345	3,029	367,180
Northumberland	M	1,752	1,742	1,707	1,460	1,370	1,025	577	332	174	32,790
	F	1,706	1,878	1,899	1,643	1,494	1,181	857	516	440	32,980
	T	3,458	3,620	3,606	3,103	2,864	2,206	1,434	848	614	65,770
Peel	M	13,003	9,917	7,475	4,878	3,404	2,102	1,256	702	472	211,560
	F	11,228	9,265	7,283	5,073	4,039	2,911	2,008	1,372	1,214	210,090
	T	24,231	19,182	14,758	9,951	7,443	5,013	3,264	2,074	1,686	421,650
Peterborough	M	2,580	2,727	2,525	2,263	1,932	1,354	731	394	245	48,910
	F	2,684	2,981	2,952	2,519	2,198	1,610	1,115	746	661	50,560
	T	5,264	5,708	5,477	4,782	4,130	2,964	1,846	1,140	906	99,470
Simcoe	M	5,606	5,321	4,861	4,279	4,114	2,950	1,899	957	588	110,650
	F	5,238	5,462	5,466	4,847	4,398	3,441	2,351	1,612	1,171	109,720
	T	10,844	10,783	10,327	9,126	8,512	6,391	4,250	2,569	1,759	220,370
Toronto	M	65,349	62,472	53,622	40,056	33,303	22,095	14,284	7,344	5,055	1,038,250
	F	64,203	65,225	57,314	44,962	40,669	31,949	24,176	15,359	12,137	1,090,930
	T	129,552	127,697	110,936	85,018	73,972	54,044	38,460	22,703	17,192	2,129,190

Table 2.4 (cont'd)
Estimated Population by Sex and Age Groups, by County and Planning Region, Ontario, 1978

Region/County		0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
Victoria	M	1,541	1,744	1,964	2,318	1,813	1,614	1,628	1,285	1,136
	F	1,426	1,656	1,927	2,223	1,735	1,578	1,564	1,264	1,057
	T	2,967	3,400	3,891	4,541	3,548	3,192	3,192	2,549	2,193
Waterloo	M	12,290	13,075	13,819	14,402	14,790	14,589	12,482	9,819	8,247
	F	11,671	12,348	13,416	13,678	15,277	14,358	12,082	9,113	7,739
	T	23,961	25,423	27,235	28,080	30,067	28,947	24,564	18,932	15,986
Wellington	M	5,047	5,401	5,983	6,777	6,353	5,840	5,159	3,921	3,472
	F	4,813	5,120	5,774	6,342	6,107	5,684	5,013	3,775	3,293
	T	9,860	10,521	11,757	13,119	12,460	11,524	10,172	7,696	6,765
York	M	7,775	9,385	10,887	11,665	9,202	7,576	8,746	7,735	7,147
	F	7,410	8,942	10,033	10,844	8,631	7,989	9,296	7,677	6,767
	T	15,185	18,327	20,920	22,509	17,833	15,565	18,042	15,412	13,914
Southwestern Ontario	M	46,525	52,204	58,325	65,643	59,491	51,674	46,501	37,030	32,713
	F	44,500	49,314	55,168	62,299	58,840	51,433	45,356	36,331	32,396
	T	91,025	101,518	113,493	127,942	118,331	103,107	91,857	73,361	65,109
Bruce	M	2,256	2,639	2,785	3,117	2,629	2,381	2,277	1,752	1,535
	F	2,233	2,401	2,657	2,963	2,352	2,136	2,017	1,528	1,404
	T	4,489	5,040	5,442	6,080	4,981	4,517	4,294	3,280	2,939
Elgin	M	2,493	2,920	3,245	3,490	2,936	2,490	2,511	2,137	1,733
	F	2,366	2,870	3,144	3,252	2,949	2,567	2,461	2,033	1,619
	T	4,859	5,790	6,389	6,742	5,885	5,057	4,972	4,170	3,352
Essex	M	11,558	13,347	14,932	16,293	14,753	12,434	11,418	8,989	8,037
	F	11,253	12,582	14,203	15,343	14,675	12,752	11,346	8,923	8,169
	T	22,811	25,929	29,135	31,636	29,428	25,186	22,764	17,912	16,206
Grey	M	2,324	2,898	3,337	3,706	3,158	2,677	2,440	1,988	1,830
	F	2,258	2,689	3,147	3,559	3,093	2,536	2,274	2,011	1,787
	T	4,582	5,587	6,484	7,265	6,251	5,213	4,714	3,999	3,617
Huron	M	2,021	2,268	2,648	3,077	2,509	2,061	1,840	1,533	1,324
	F	1,980	2,221	2,484	2,908	2,224	1,835	1,687	1,411	1,277
	T	4,001	4,489	5,132	5,985	4,733	3,896	3,527	2,944	2,601
Kent	M	4,133	4,493	5,110	5,697	5,103	4,302	3,773	3,044	2,654
	F	3,890	4,177	4,761	5,456	4,863	4,016	3,778	2,917	2,654
	T	8,023	8,670	9,871	11,153	9,966	8,318	7,551	5,961	5,308
Lambton	M	4,654	5,102	5,621	6,542	6,287	5,186	4,624	3,579	3,211
	F	4,470	4,832	5,282	6,437	5,736	4,647	4,268	3,470	3,215
	T	9,124	9,934	10,903	12,979	12,023	9,833	8,892	7,049	6,426
Middlesex	M	11,484	12,363	13,768	15,630	14,996	14,309	12,395	9,672	8,526
	F	10,807	11,683	12,789	14,903	16,056	15,281	12,511	9,842	8,469
	T	22,291	24,046	26,557	30,533	31,052	29,590	24,906	19,514	16,995
Oxford	M	3,180	3,500	3,865	4,441	3,921	3,314	2,980	2,473	2,220
	F	3,000	3,334	3,721	4,110	3,908	3,231	2,921	2,378	2,151
	T	6,180	6,834	7,586	8,551	7,829	6,545	5,901	4,851	4,371
Perth	M	2,422	2,674	3,014	3,650	3,199	2,520	2,243	1,863	1,643
	F	2,243	2,525	2,980	3,368	2,984	2,432	2,093	1,818	1,651
	T	4,665	5,199	5,994	7,018	6,183	4,952	4,336	3,681	3,294

Table 2.4 (cont'd)
Estimated Population by Sex and Age Groups, by County and Planning Region, Ontario, 1978

		45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 +	Total
Victoria	M	1,163	1,136	1,115	1,088	1,159	872	509	260	161	22,506
	F	1,125	1,182	1,364	1,299	1,179	899	643	398	273	22,792
	T	2,288	2,318	2,479	2,387	2,338	1,771	1,152	658	434	45,298
Waterloo	M	8,069	7,610	6,409	4,710	3,996	2,851	1,890	1,010	699	150,757
	F	7,827	7,886	6,873	5,385	4,848	3,881	2,881	1,912	1,560	152,735
	T	15,896	15,496	13,282	10,095	8,844	6,732	4,771	2,922	2,259	303,492
Wellington	M	3,611	3,259	2,861	2,322	2,068	1,531	1,068	587	385	65,645
	F	3,317	3,347	3,040	2,517	2,266	1,944	1,516	976	798	65,642
	T	6,928	6,606	5,901	4,839	4,334	3,475	2,584	1,563	1,183	131,287
York	M	7,095	6,036	4,812	3,569	2,796	1,951	1,342	700	548	108,967
	F	6,450	5,710	4,977	3,626	3,047	2,450	1,877	1,294	1,234	108,254
	T	13,545	11,746	9,789	7,195	5,843	4,401	3,219	1,994	1,782	217,221
Southwestern Ontario	M	33,491	33,057	30,024	24,686	21,111	15,773	11,044	6,093	3,693	629,078
	F	33,109	34,503	33,296	26,866	24,267	20,017	15,473	10,413	7,846	641,427
	T	66,600	67,560	63,320	51,552	45,378	35,790	26,517	16,506	11,539	1,270,505
Bruce	M	1,451	1,318	1,333	1,268	1,186	939	644	377	230	30,117
	F	1,350	1,346	1,468	1,293	1,240	1,000	799	564	361	29,112
	T	2,801	2,664	2,801	2,561	2,426	1,939	1,443	941	591	59,229
Elgin	M	1,696	1,806	1,715	1,424	1,235	959	654	336	222	34,002
	F	1,677	1,890	1,896	1,573	1,440	1,196	913	653	545	35,044
	T	3,373	3,696	3,611	2,997	2,675	2,155	1,567	989	767	69,046
Essex	M	8,593	8,523	7,342	5,747	4,712	3,720	2,873	1,554	861	155,686
	F	8,359	9,074	8,344	6,418	5,658	5,084	4,098	2,604	1,792	160,677
	T	16,952	17,597	15,686	12,165	10,370	8,804	6,971	4,158	2,653	316,363
Grey	M	1,901	1,940	1,838	1,652	1,565	1,201	839	431	264	35,989
	F	1,944	1,906	2,010	1,827	1,681	1,398	1,002	721	534	36,377
	T	3,845	3,846	3,848	3,479	3,246	2,599	1,841	1,152	798	72,366
Huron	M	1,343	1,371	1,335	1,246	1,227	820	594	350	203	27,770
	F	1,393	1,397	1,490	1,352	1,213	961	743	527	444	27,547
	T	2,736	2,768	2,825	2,598	2,440	1,781	1,337	877	647	55,317
Kent	M	2,685	2,615	2,438	2,072	1,818	1,367	988	489	346	53,127
	F	2,591	2,805	2,792	2,279	2,110	1,727	1,311	869	659	53,655
	T	5,276	5,420	5,230	4,351	3,928	3,094	2,299	1,358	1,005	106,782
Lambton	M	3,487	3,401	2,948	2,427	1,939	1,325	914	471	281	61,999
	F	3,421	3,450	3,150	2,419	2,084	1,506	1,205	815	637	61,044
	T	6,908	6,851	6,098	4,846	4,023	2,831	2,119	1,286	918	123,043
Middlesex	M	8,421	8,131	7,550	5,810	4,749	3,330	2,178	1,295	828	155,435
	F	8,465	8,614	8,185	6,321	5,767	4,612	3,423	2,307	1,895	161,930
	T	16,886	16,745	15,735	12,131	10,516	7,942	5,601	3,602	2,723	317,365
Oxford	M	2,218	2,234	1,979	1,657	1,521	1,148	746	400	230	42,027
	F	2,247	2,267	2,176	1,898	1,669	1,395	1,084	739	504	42,733
	T	4,465	4,501	4,155	3,555	3,190	2,543	1,830	1,139	734	84,760
Perth	M	1,696	1,718	1,546	1,383	1,159	964	614	390	228	32,926
	F	1,662	1,754	1,785	1,486	1,405	1,138	895	614	475	33,308
	T	3,358	3,472	3,331	2,869	2,564	2,102	1,509	1,004	703	66,234

Table 2.4 (cont'd)
Estimated Population by Sex and Age Groups, by County and Planning Region, Ontario, 1978

County		0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
Northeastern Ontario	M	23,634	25,710	29,744	34,246	27,728	22,083	20,463	16,963	15,759
	F	22,317	24,269	28,709	32,939	26,873	21,598	19,511	16,861	15,057
	T	45,951	49,979	58,453	67,185	54,601	43,681	39,974	33,824	30,816
Algoma	M	5,185	5,624	6,594	7,294	6,183	4,925	4,429	3,853	3,649
	F	4,942	5,355	6,293	7,187	6,074	4,768	4,404	3,807	3,439
	T	10,127	10,979	12,887	14,481	12,257	9,693	8,833	7,660	7,088
Cochrane	M	4,085	4,425	5,056	5,753	4,885	3,833	3,410	2,717	2,479
	F	3,876	4,196	4,827	5,421	4,505	3,701	3,181	2,570	2,364
	T	7,961	8,621	9,883	11,174	9,390	7,534	6,591	5,287	4,843
Manitoulin	M	400	479	564	724	464	304	295	280	255
	F	390	515	615	665	390	300	299	264	259
	T	790	994	1,179	1,389	854	604	594	544	514
Ojibwasing	M	3,134	3,402	4,249	4,994	3,645	2,714	2,752	2,322	2,374
	F	2,941	3,178	4,067	4,730	3,645	2,875	2,704	2,492	2,243
	T	6,075	6,580	8,316	9,724	7,290	5,589	5,456	4,814	4,617
Hurry Sound	M	1,031	1,201	1,559	1,767	1,326	978	978	896	856
	F	938	1,094	1,414	1,690	1,180	978	983	895	751
	T	1,969	2,295	2,973	3,457	2,506	1,956	1,961	1,791	1,607
Oudbury ¹ (R.M.)	M	7,188	7,545	8,243	9,636	8,050	6,814	6,352	5,035	4,406
	F	6,738	7,071	8,052	9,249	8,141	6,620	5,845	5,024	4,336
	T	13,926	14,616	16,295	18,885	16,191	13,434	12,197	10,059	8,742
Oudbury ² (T.D.)	M	1,097	1,280	1,479	1,617	1,225	990	913	792	678
	F	1,085	1,225	1,417	1,586	1,111	897	855	714	631
	T	2,182	2,505	2,896	3,203	2,336	1,887	1,768	1,506	1,309
Oskiskaming	M	1,514	1,754	2,000	2,461	1,950	1,525	1,334	1,068	1,062
	F	1,407	1,635	2,024	2,411	1,827	1,459	1,240	1,095	1,034
	T	2,921	3,389	4,024	4,872	3,777	2,984	2,574	2,163	2,096
Northwestern Ontario	M	9,314	10,528	11,075	12,575	11,747	9,963	8,337	6,594	6,078
	F	9,110	9,893	10,732	11,990	10,688	9,205	7,781	6,341	5,695
	T	18,424	20,421	21,807	24,565	22,435	19,168	16,118	12,935	11,773
Kenora	M	2,649	3,122	3,136	3,295	2,919	2,402	2,124	1,704	1,596
	F	2,647	2,918	3,059	3,177	2,561	2,191	1,950	1,607	1,444
	T	5,296	6,040	6,195	6,472	5,480	4,593	4,074	3,311	3,040
Rainy River	M	985	1,157	1,267	1,408	1,246	903	772	632	549
	F	945	1,089	1,142	1,328	1,007	851	732	612	551
	T	1,930	2,246	2,409	2,736	2,253	1,754	1,504	1,244	1,100
Thunder Bay	M	5,680	6,249	6,672	7,872	7,582	6,658	5,441	4,258	3,933
	F	5,518	5,886	6,531	7,485	7,120	6,163	5,099	4,122	3,700
	T	11,198	12,135	13,203	15,357	14,702	12,821	10,540	8,380	7,633

Table 2.4 (cont'd)
Estimated Population by Sex and Age Groups, by County and Planning Region, Ontario, 1978

		45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 +	Total
Northeastern Ontario	M	16,097	14,780	12,638	10,504	8,460	5,872	3,681	1,800	1,068	291,230
	F	14,825	14,410	13,061	10,591	8,632	6,239	4,377	2,590	1,836	284,695
	T	30,922	29,190	25,699	21,095	17,092	12,111	8,058	4,390	2,904	575,925
Algoma	M	3,853	3,414	2,935	2,224	1,714	1,120	676	352	263	64,287
	F	3,497	3,203	2,789	2,255	1,822	1,243	905	552	434	62,969
	T	7,350	6,617	5,724	4,479	3,536	2,363	1,581	904	697	127,256
Cochrane	M	2,565	2,391	1,992	1,590	1,344	1,066	725	334	175	48,825
	F	2,290	2,284	1,995	1,523	1,329	1,012	711	396	257	46,438
	T	4,855	4,675	3,987	3,113	2,673	2,078	1,436	730	432	95,263
Manitoulin	M	285	250	246	210	231	200	130	64	38	5,419
	F	254	252	249	275	263	219	153	87	68	5,517
	T	539	502	495	485	494	419	283	151	106	10,936
Nipissing	M	2,244	1,897	1,646	1,465	1,133	733	503	262	172	39,641
	F	2,109	1,986	1,840	1,523	1,259	960	687	468	298	40,005
	T	4,353	3,883	3,486	2,988	2,392	1,693	1,190	730	470	79,646
Parry Sound	M	847	808	803	818	818	594	385	204	111	15,980
	F	809	868	994	893	784	578	397	249	201	15,696
	T	1,656	1,676	1,797	1,711	1,602	1,172	782	453	312	31,676
Sudbury (R.M.)	M	4,557	4,312	3,550	2,762	1,908	1,191	686	324	164	82,723
	F	4,228	4,177	3,456	2,588	1,895	1,318	866	492	346	80,442
	T	8,785	8,489	7,006	5,350	3,803	2,509	1,552	816	510	163,165
Sudbury (T.D.)	M	703	697	580	514	456	299	162	73	39	13,594
	F	598	607	584	498	376	253	177	84	49	12,747
	T	1,301	1,304	1,164	1,012	832	552	339	157	88	26,341
Timiskaming	M	1,043	1,011	886	921	856	669	414	187	106	20,761
	F	1,040	1,033	1,154	1,036	904	656	481	262	183	20,881
	T	2,083	2,044	2,040	1,957	1,760	1,325	895	449	289	41,642
Northwestern Ontario	M	6,276	6,321	5,589	4,710	3,733	2,659	1,732	851	502	118,584
	F	5,813	6,166	5,795	4,702	3,698	2,774	1,969	1,168	940	114,460
	T	12,089	12,487	11,384	9,412	7,431	5,433	3,701	2,019	1,442	233,044
Kenora	M	1,489	1,328	1,191	998	871	564	325	169	110	29,992
	F	1,288	1,297	1,229	979	791	544	345	210	160	28,397
	T	2,777	2,625	2,420	1,977	1,662	1,108	670	379	270	58,389
Rainy River	M	609	635	590	550	422	319	190	118	69	12,421
	F	610	635	636	557	436	338	233	136	127	11,965
	T	1,219	1,270	1,226	1,107	858	657	423	254	196	24,386
Thunder Bay	M	4,178	4,358	3,808	3,162	2,440	1,776	1,217	564	323	76,171
	F	3,915	4,234	3,930	3,166	2,471	1,892	1,391	822	653	74,098
	T	8,093	8,592	7,738	6,328	4,911	3,668	2,608	1,386	976	150,269

1) Regional Municipality.

2) Territorial District.

Source: Ministry of Treasury and Economics, Central Statistical Services.

Table 2.5
Population by Sex and Age Group, Ontario, 1972–1977

Age Group	1972 ^r			1973 ^r			1974 ^r		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
'000's									
Total	7,809.9	3,889.6	3,920.3	7,908.8	3,934.3	3,974.5	8,054.1	4,001.9	4,052.2
0–4	632.0	323.9	308.1	630.5	323.5	307.1	630.6	323.5	307.1
5–9	758.0	388.7	369.3	722.4	370.0	352.4	693.0	354.9	338.1
10–14	798.2	409.0	389.1	808.7	414.8	394.0	817.2	418.8	398.3
15–19	733.6	372.3	361.4	751.7	381.5	370.1	772.5	392.5	380.3
20–24	672.0	334.7	337.3	680.0	338.4	341.7	704.6	350.2	354.4
25–29	609.5	304.8	304.7	638.7	319.5	319.2	670.4	335.0	335.4
30–34	494.7	250.7	243.9	515.7	260.4	255.3	543.3	274.8	268.5
35–39	466.8	237.6	229.2	466.4	236.7	229.7	474.5	240.2	234.4
40–44	475.3	243.2	232.1	475.7	243.6	232.1	478.0	244.4	233.7
45–49	470.4	233.4	237.0	472.2	235.2	236.9	472.0	236.4	235.6
50–54	402.6	198.7	203.9	424.8	208.9	215.9	446.6	218.9	227.7
55–59	345.5	170.8	174.7	344.6	169.6	175.0	344.8	168.6	176.2
60–64	290.1	141.0	149.0	299.5	145.5	154.0	309.8	150.3	159.5
65–69	233.2	108.0	125.2	238.7	110.1	128.6	245.3	112.9	132.4
70–74	175.8	76.7	99.1	181.4	79.6	101.8	187.3	82.3	104.9
75–79	123.7	49.4	74.3	125.8	49.8	76.0	128.5	50.6	77.9
80–84	76.3	28.7	47.5	78.1	29.1	49.0	79.3	29.2	50.1
85–89	37.3	13.2	24.1	38.3	13.2	25.1	39.6	13.3	26.3
90 +	14.9	4.7	10.2	15.8	5.0	10.8	16.8	5.2	11.6

Table 2.5 (cont'd)

Age Group	1975 ^r			1976 ¹			1977 ²		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
'000's									
Total	8,172.2	4,055.9	4,116.4	8,264.5	4,096.9	4,167.6	8,373.5	4,147.4	4,226.1
0–4	624.2	320.4	303.8	607.2	311.7	295.5	607.7	311.5	296.3
5–9	675.4	345.9	329.5	667.8	342.0	325.9	658.4	337.8	320.6
10–14	816.8	418.5	398.4	798.8	409.3	389.5	777.7	398.4	379.2
15–19	787.2	400.8	386.4	808.0	412.7	395.3	821.6	420.3	401.4
20–24	727.9	360.8	367.0	744.4	368.3	376.1	767.0	380.5	386.5
25–29	696.3	347.5	348.8	715.8	356.4	359.5	712.4	353.4	359.0
30–34	566.4	285.9	280.6	586.4	295.7	290.8	631.3	317.5	313.8
35–39	482.1	243.7	238.3	490.0	247.3	242.7	504.9	254.6	250.3
40–44	476.1	242.6	233.5	474.6	240.8	233.8	474.0	239.8	234.1
45–49	472.6	238.0	234.6	471.9	239.0	233.0	472.6	239.9	232.7
50–54	457.3	223.5	233.8	465.0	227.1	237.9	464.5	227.7	236.8
55–59	353.3	172.0	181.4	369.4	179.0	190.4	391.2	188.8	202.4
60–64	321.2	155.2	166.0	326.3	157.5	168.8	328.0	157.4	170.5
65–69	251.3	116.0	135.2	260.9	120.6	140.4	271.3	125.9	145.4
70–74	192.5	84.4	108.1	197.3	86.4	110.9	202.5	88.0	114.4
75–79	132.5	52.4	80.0	137.0	54.4	82.7	140.8	56.4	84.4
80–84	80.8	29.2	51.6	83.0	29.7	53.3	85.0	29.9	55.0
85–89	40.6	13.5	27.1	41.5	13.5	28.0	42.6	13.5	29.1
90 +	17.8	5.5	12.3	19.3	5.9	13.4	20.1	6.0	14.1

^r Census figures (rounded).
¹ Postcensal preliminary estimates.

Source: SC, *Revised Annual Estimates of Population, by Sex and Age Group, Canada and the Provinces. Estimated Population by Sex and Age Group for Canada and Provinces.*

Table 2.6Population Projections¹, by Planning Regions and Counties², Ontario, Selected Years 1976–2001

	1976	1981	1986	1991	1996	2001
Ontario	8,264,465	8,730,886	9,174,574	9,560,847	9,861,955	10,085,465
Eastern Ontario	1,149,299	1,200,113	1,248,081	1,286,370	1,310,234	1,322,403
Dundas	18,507	17,104	15,674	14,167	12,491	10,621
Frontenac	108,052	112,953	117,141	120,034	121,461	121,826
Glengarry	19,270	19,055	19,003	18,930	18,639	18,161
Grenville	26,025	27,804	29,856	31,947	33,930	35,682
Hastings	105,837	111,104	116,726	121,788	125,593	128,287
Lanark	44,197	43,420	42,761	41,905	40,706	39,175
Leeds	52,579	54,436	56,442	58,301	59,716	60,699
Lennox & Addington	32,633	32,812	32,876	32,779	32,411	31,787
Ottawa-Carleton (R.M.)	520,533	553,226	582,089	604,576	619,782	629,315
Prescott	29,100	31,088	33,283	35,441	37,212	38,654
Prince Edward	22,559	23,083	23,655	24,212	24,516	24,618
Renfrew	89,099	89,049	89,143	88,733	87,096	84,522
Russell	19,735	22,864	26,206	29,697	33,078	36,281
Stormont	61,173	62,115	63,226	63,860	63,603	62,769
Central Ontario	5,050,849	5,374,382	5,676,251	5,941,179	6,156,446	6,325,563
Brant	99,099	105,800	112,694	119,245	124,988	129,852
Dufferin	28,528	36,157	44,283	52,835	61,433	69,796
Durham (R.M.)	247,473	282,496	318,843	355,393	390,212	422,353
Haldimand-Norfolk (R.M.)	89,252	93,325	97,666	101,819	105,298	108,060
Haliburton	10,795	11,891	13,138	14,415	15,660	16,847
Halton (R.M.)	228,497	261,026	295,098	329,594	362,260	392,002
Hamilton-Wentworth (R.M.)	409,490	423,784	436,027	444,504	448,376	448,331
Muskoka (D.M.)	36,691	39,759	43,177	46,613	49,838	52,789
Niagara (R.M.)	365,438	380,712	395,784	409,003	418,589	424,274
Northumberland	64,441	68,123	72,318	76,553	80,338	83,590
Peel (R.M.)	375,910	459,296	545,089	632,972	720,064	803,859
Peterborough	99,930	104,233	108,676	112,604	115,496	117,439
Simcoe	210,691	235,810	261,934	287,913	312,452	335,223
Toronto (M.M.)	2,124,291	2,088,174	2,019,188	1,915,633	1,783,179	1,632,823
Victoria	43,543	45,720	48,302	50,941	53,366	55,532
Waterloo (R.M.)	289,129	325,871	362,248	397,179	429,893	460,205
Wellington	123,736	143,206	163,403	183,606	203,007	221,393
York (R.M.)	203,915	268,999	338,383	410,357	481,997	551,195
Southwestern Ontario	1,247,176	1,309,486	1,372,638	1,430,200	1,477,314	1,514,000
Bruce	57,472	62,220	67,578	73,190	78,630	83,723
Elgin	69,092	71,730	74,584	77,389	79,839	81,723
Essex	310,362	326,256	342,032	356,420	368,199	377,317
Grey	72,176	78,043	84,644	91,500	98,059	104,058
Huron	56,007	57,033	58,540	60,088	61,334	62,173
Kent	106,130	110,563	115,053	119,003	121,943	123,979
Lambton	120,576	129,706	139,148	147,942	155,451	161,781
Middlesex	303,745	315,698	325,626	332,423	335,884	336,721
Oxford	85,337	91,782	98,560	105,136	111,148	116,450
Perth	66,279	66,455	66,873	67,109	66,827	66,051

Table 2.6 (cont'd)Population Projections¹, by Planning Regions and Counties, Ontario, Selected Years 1976–2001

	1976	1981	1986	1991	1996	2001
Northeastern Ontario	583,746	606,180	629,813	649,709	661,433	666,052
Algoma	122,883	129,240	135,809	141,446	145,237	147,448
Cochrane	96,825	98,104	99,251	99,650	98,728	96,666
Manitoulin	10,893	11,068	11,442	11,898	12,308	12,618
Nipissing	81,739	86,843	92,457	97,741	101,791	104,728
Parry Sound	32,654	32,856	33,285	33,747	33,881	33,791
Sudbury (R.M.)	167,705	176,831	185,816	193,231	198,088	200,871
Sudbury (T.D.)	27,287	27,517	27,855	28,072	27,930	27,418
Timiskaming	43,760	43,721	43,898	43,924	43,470	42,513
Northwestern Ontario	233,395	240,725	247,791	253,389	256,528	257,447
Kenora	57,980	56,567	54,906	52,850	50,191	46,869
Rainy River	24,768	23,907	23,062	22,086	20,800	19,324
Thunder Bay	150,647	160,251	169,823	178,453	185,537	191,254

¹ Projections based on the following assumptions: low fertility; 30,000 net external migration per annum; internal migration at 0.54 per cent of Ontario population.

² R.M. – Regional Municipality, D.M. – District Municipality, M.M. – Metropolitan Municipality, T.D. – Territorial District.

Source: Ministry of Treasury and Economics, Central Statistical Services.

Table 2.7Population Projections¹, by Age Groups, Ontario, Selected Years 1976–2001

Age Groups	1976 ¹	1981 ¹	1986 ¹	1991 ¹	1996 ¹	2001 ¹
Ontario	8,264,465	8,730,886	9,174,574	9,560,847	9,861,955	10,085,465
0–4	607,205	604,124	617,906	599,533	554,221	517,628
5–9	667,815	618,519	615,523	629,411	611,245	566,222
10–14	798,760	677,827	628,561	625,613	639,498	621,370
15–19	807,990	806,602	685,971	636,833	633,930	647,775
20–24	744,365	827,080	825,736	705,594	656,646	653,790
25–29	715,820	770,887	853,255	851,935	732,274	683,564
30–34	586,450	733,364	788,376	870,388	869,158	749,999
35–39	489,990	594,757	740,928	795,696	877,286	876,030
40–44	474,550	492,658	596,542	741,472	795,818	876,655
45–49	471,910	472,212	490,225	592,793	735,794	789,580
50–54	465,005	464,397	464,806	482,622	583,080	723,066
55–59	369,375	451,090	450,624	451,086	468,477	565,626
60–64	326,305	352,038	429,483	428,985	429,594	446,367
65–69	260,930	300,949	325,460	396,770	396,339	397,196
70–74	197,270	228,720	264,019	286,617	349,566	349,200
75–79	137,020	160,966	187,262	216,587	236,506	288,892
80–84	82,955	100,948	118,893	139,061	161,307	177,708
85+	60,750	73,748	91,004	109,851	131,216	154,797

¹ Projections based on the following assumptions: low fertility; 30,000 net external migration per annum.

Source: Ministry of Treasury and Economics, Central Statistical Services.

Table 2.8
Population by Marital Status and Sex, Ontario, Census Years, 1956-1976

	1956	1961	1966	1971	1976
Total	5,404,933	6,236,092	6,960,870	7,703,105	8,264,465
Male	2,721,519	3,134,528	3,479,149	3,840,905	4,096,865
Female	2,683,414	3,101,564	3,481,721	3,862,200	4,167,600
Married ¹	2,603,001	2,942,513	3,216,166	3,645,855	4,052,515
Male	1,304,392	1,472,841	1,605,648	1,821,220	2,019,495
Female	1,298,609	1,469,672	1,610,518	1,824,635	2,033,020
Separated ¹	..	..	..	144,110	160,700
Male	..	..	..	63,020	68,590
Female	..	..	..	81,095	92,110
Widowed	268,709	291,767	326,050	358,235	395,490
Male	67,576	68,757	67,356	68,340	68,285
Female	201,133	223,010	258,694	289,890	327,210
Divorced	14,598	21,776	25,731	70,095	110,355
Male	5,529	8,548	9,433	28,215	41,820
Female	9,069	13,228	16,298	41,875	68,535
Never Married	2,518,625	2,980,036	3,392,923	3,628,920	3,706,100
Male	1,344,022	1,584,382	1,796,712	1,923,130	1,967,265
Female	1,174,603	1,395,654	1,596,211	1,705,795	1,738,840

1) "Separated" are included in "married".

Source: SC, *Population, Marital Status*.

Table 2.9

Population by Marital Status, by County, Ontario, 1971 and 1976

	1971				
	Total ⁷	Married ¹	Widowed	Divorced	Never Married
Ontario	7,703,105	3,645,860	358,230	70,095	3,628,920
Algoma	121,940	54,555	4,475	935	61,970
Brant	96,765	46,470	5,185	860	44,245
Bruce	47,385	22,055	2,885	220	22,220
Cochrane	95,835	41,320	3,660	390	50,465
Dufferin	21,200	10,130	1,040	115	9,915
Dundas	17,460	8,295	980	60	8,120
Durham	47,490	22,610	2,055	305	22,520
Elgin	66,610	31,805	4,000	650	30,155
Essex	306,395	144,165	15,695	3,210	143,325
Frontenac	101,695	47,200	4,780	1,150	48,555
Glengarry	18,480	7,890	980	50	9,555
Grenville	24,315	11,555	1,350	165	11,245
Grey	66,405	31,975	3,950	385	30,095
Haldimand	32,675	15,210	1,685	170	15,605
Haliburton	9,080	4,680	530	60	3,810
Halton	190,465	93,175	5,480	1,205	90,605
Hastings	99,390	46,600	4,985	750	47,055
Huron	52,950	24,685	3,045	190	25,030
Kenora	53,230	23,260	1,975	255	27,740
Kent	101,115	47,390	5,315	805	47,605
Lambton	114,315	54,230	5,165	965	53,960
Lanark	42,255	18,775	2,630	265	20,585
Leeds	50,090	23,760	2,890	440	23,000
Lennox-Addington	28,360	13,405	1,350	200	13,405
Manitoulin	10,930	4,435	710	35	5,750
Middlesex	282,015	134,110	13,450	2,945	131,505
Muskoka ²	31,940	15,515	1,885	235	14,300
Niagara ³	347,330	167,375	16,780	2,820	160,355
Nipissing	78,865	34,165	3,235	425	41,050
Norfolk	54,100	26,135	2,905	435	24,620
Northumberland	48,160	22,895	2,675	365	22,235
Ontario	196,260	94,315	7,505	1,370	93,065
Ottawa-Carleton ⁴	471,930	213,540	20,760	4,220	233,415
Oxford	80,350	38,240	4,165	560	37,380
Parry Sound	30,245	14,225	1,840	175	14,005
Peel	259,405	126,980	6,710	1,635	124,075
Perth	62,975	29,495	3,605	360	29,510
Peterborough	87,805	41,530	4,655	765	40,855
Prescott	27,835	11,770	1,310	45	14,710
Prince Edward	20,640	9,840	1,190	135	9,475
Rainy River	25,750	11,705	1,125	135	12,785
Renfrew	90,875	40,325	4,215	370	45,965
Russell	16,285	6,790	720	30	8,740
Simcoe	171,435	79,685	8,455	1,370	81,920
Stormont	61,300	27,705	3,105	360	30,130
Sudbury	198,080	88,720	5,620	975	102,765
Thunder Bay	145,390	66,475	6,795	990	71,125
Timiskaming	46,485	20,650	2,415	270	23,150
Toronto ⁵	2,086,020	1,009,840	101,655	27,130	947,400
Victoria	34,240	16,730	2,185	205	15,120
Waterloo	254,040	122,130	10,320	2,095	119,495
Wellington	108,585	51,055	5,175	705	51,645
Wentworth	401,885	194,960	20,335	4,065	182,520
York ⁶	166,060	79,325	6,640	1,045	79,050

Includes "Separated".

District Municipality, comprising the former Territorial District of Muskoka as well as part of the Unorganized Township of Finlayson in the Territorial District of Nipissing.

Regional Municipality, comprising the former counties of Lincoln and Welland.

Table 2.9(cont'd)

Population by Marital Status, by County, Ontario, 1971 and 1976

	1976				
	Total ⁷	Married ¹	Widowed	Divorced	Never Married
Ontario	8,264,465	4,052,515	395,490	110,355	3,706,100
Algoma	122,880	57,670	4,980	1,410	58,820
Brant	99,100	49,285	5,475	1,355	42,980
Bruce	57,475	28,415	3,080	345	25,630
Cochrane	96,825	44,235	4,065	590	47,930
Dufferin	28,525	14,345	1,165	205	12,820
Dundas	18,510	9,205	995	125	8,180
Durham	247,475	124,845	9,205	2,550	110,870
Elgin	69,095	34,135	4,080	905	29,975
Essex	310,360	150,025	17,245	4,720	138,380
Frontenac	108,055	52,095	5,125	1,755	49,080
Glengarry	19,270	8,920	1,075	110	9,165
Grenville	26,025	12,955	1,480	255	11,335
Grey	72,175	36,385	4,250	685	30,860
Haldimand-Norfolk	89,250	44,750	4,885	940	38,680
Haliburton	10,795	5,895	645	100	4,160
Halton	228,500	116,745	6,935	2,165	102,655
Hamilton-Wentworth	409,490	204,380	21,595	6,495	177,020
Hastings	105,835	52,450	5,545	1,315	46,525
Huron	56,010	27,555	3,125	370	24,965
Kenora	57,980	26,275	2,210	460	29,035
Kent	106,130	52,030	5,700	1,125	47,270
Lambton	120,575	60,005	5,380	1,490	53,705
Lanark	44,200	20,990	2,880	455	19,875
Leeds	52,580	26,160	3,035	750	22,635
Lennox-Addington	32,635	16,495	1,425	325	14,385
Manitoulin	10,895	4,665	715	60	5,460
Middlesex	303,745	148,550	14,835	4,720	135,640
Muskoka ²	36,690	18,855	2,050	455	15,325
Niagara ³	365,435	183,155	19,020	4,775	158,485
Nipissing	81,735	37,655	3,700	710	39,670
Northumberland	64,440	32,850	3,500	695	27,400
Ottawa-Carleton ⁴	520,530	246,070	23,240	7,445	243,780
Oxford	85,335	42,260	4,455	845	37,785
Parry Sound	32,655	16,400	1,940	300	14,020
Peel	375,910	190,525	9,770	3,980	171,630
Perth	66,280	32,400	3,680	515	29,690
Peterborough	99,930	50,085	5,275	1,310	43,265
Prescott	29,100	13,460	1,460	165	14,015
Prince Edward	22,560	11,295	1,240	220	9,805
Rainy River	24,765	11,680	1,230	220	11,635
Renfrew	89,100	42,190	4,505	630	41,770
Russell	19,735	9,280	775	90	9,590
Simcoe	210,690	104,670	10,105	2,315	93,600
Stormont	61,170	29,420	3,420	640	27,690
Sudbury(R.M.)	167,705	79,525	5,680	1,405	81,090
Sudbury(T.D.)	27,285	12,560	995	180	13,555
Thunder Bay	150,645	71,935	7,290	1,655	69,765
Timiskaming	43,760	20,505	2,610	450	20,195
Toronto ⁵	2,124,290	1,036,725	110,210	38,670	938,685
Victoria	43,545	22,780	2,500	430	17,835
Waterloo	289,130	143,620	11,925	3,435	130,150
Wellington	123,735	60,510	5,810	1,220	56,200
York ⁶	203,915	102,640	7,980	1,840	91,460

⁴) Regional Municipality, comprising the former county of Carleton as well as Cumberland Township in Russell County.

⁵) Metropolitan Municipality, comprising that part of former York County previously known as "Toronto Metropolitan Corporation".

⁶) Regional Municipality, comprising that part of the former York County outside the old "Toronto Metropolitan Corporation".

⁷) Figures may not add due to rounding methodology. Please see definitions.

Source: SC, *Population, Marital Status*.

Table 2. 10

Population by Mother Tongue in Official Languages and Other, by County, Canada and Ontario, 1976

	English	French	Other ¹	Total
Canada	14,122,770	5,887,205	2,982,635	22,992,600
Ontario	6,457,645	462,070	1,344,750	8,264,465
Algoma	95,790	10,825	16,265	122,880
Brant	87,745	1,090	10,265	99,100
Bruce	53,735	750	2,985	57,470
Cochrane	42,155	46,355	8,315	96,825
Dufferin	26,415	240	1,875	28,530
Dundas	17,010	695	800	18,505
Durham	218,010	4,215	25,245	247,470
Elgin	60,610	665	7,815	69,090
Essex	234,615	21,795	53,950	310,360
Frontenac	96,710	2,165	9,175	108,050
Glengarry	10,700	7,835	735	19,270
Grenville	23,925	670	1,430	26,025
Grey	67,970	305	3,905	72,180
Haldimand-Norfolk	77,450	1,350	10,450	89,250
Haliburton	10,310	80	405	10,795
Halton	198,960	4,035	25,505	228,500
Hamilton-Wentworth	324,160	6,730	78,600	409,490
Hastings	99,795	1,555	4,485	105,835
Huron	52,420	435	3,155	56,010
Kenora	39,290	1,985	16,705	57,980
Kent	92,160	5,060	8,910	106,130
Lambton	107,380	3,440	9,755	120,575
Lanark	42,245	650	1,300	44,195
Leeds	49,260	865	2,455	52,580
Lennox & Addington	31,050	400	1,185	32,635
Manitoulin	9,090	95	1,710	10,895
Middlesex	264,375	3,055	36,315	303,745
Muskoka	34,390	475	1,830	36,695
Niagara	288,550	16,120	60,770	365,440
Nipissing	53,340	24,385	4,015	81,740
Northumberland	60,840	590	3,015	64,445
Ottawa-Carleton	366,645	99,510	54,380	520,535
Oxford	76,190	895	8,255	85,340
Parry Sound	30,485	750	1,415	32,650
Peel	303,680	5,550	66,680	375,910
Perth	60,640	275	5,365	66,280
Peterborough	94,675	745	4,510	99,930
Prescott	5,595	22,850	655	29,100
Prince Edward	21,595	140	825	22,560
Rainy River	20,835	720	3,210	24,765
Renfrew	79,185	4,000	5,915	89,100
Russell	4,090	15,160	485	19,735
Simcoe	188,020	7,975	14,695	210,690
Stormont	39,730	18,830	2,615	61,175
Sudbury(R.M.)	97,805	49,690	20,210	167,705
Sudbury(T.D.)	15,595	9,980	1,710	27,285
Thunder Bay	114,565	6,435	29,645	150,645
Timiskaming	29,485	11,655	2,620	43,760
Toronto,				
Metropolitan	1,477,150	30,635	616,505	2,124,290
Victoria	41,375	280	1,890	43,545
Waterloo	233,355	4,175	51,600	289,130
Wellington	109,050	1,050	13,640	123,740
York	177,450	1,890	24,575	203,915

¹ Includes Baltic Languages, Celtic Languages, Chinese, Japanese, Croatian, Serbian etc, Czech and Slovak, German, Greek, Indo-Pakistan, Inuit, Italian, Magyar (Hungarian), Native Indian, Netherlandic and Flemish, Polish, Portuguese, Russian, Scandinavian, Spanish, Ukrainian, Yiddish, and Not Stated, as in Table 2.11 for Ontario.

Source: S.C. Catalogue 92-821 (Bulletin 2.2).

Table 2.11
Population by Mother Tongue and Sex, Ontario, 1976

Mother Tongue	Male	Female	Total ¹
English	3,187,490	3,270,155	6,457,645
French	226,180	235,890	462,070
Armenian	2,060	2,025	4,085
Bulgarian	660	460	1,125
Celtic Languages	1,360	1,440	2,800
Chinese	26,305	25,350	51,660
Croatian	7,805	7,255	15,060
Czech	5,915	5,075	10,985
Danish	3,610	3,005	6,615
Estonian	4,535	4,845	9,380
Finnish	9,510	10,865	20,380
Flemish	2,130	2,280	4,410
German	75,600	79,030	154,625
Greek	24,885	23,320	48,205
Icelandic	135	185	320
Indo-Pakistani	14,515	12,525	27,045
Inuit (Eskimo)	30	35	70
Iranian	360	230	590
Italian	161,200	148,615	309,810
Japanese	2,790	2,995	5,785
Lettish	4,255	4,345	8,600
Lithuanian	4,250	3,855	8,100
Magyar (Hungarian)	19,665	18,315	37,980
Native Indian	10,660	10,560	21,215
Netherlandic	31,845	30,075	61,920
Norwegian	915	765	1,680
Polish	28,960	28,090	57,050
Portuguese	44,510	43,985	88,495
Romanian	1,740	1,605	3,345
Russian	2,845	3,175	6,015
Semitic Languages	12,020	9,505	21,525
Serbian	1,790	1,510	3,295
Slovak	4,350	4,095	8,445
Slovenian	1,965	1,905	3,870
Spanish	11,705	11,540	23,240
Swedish	1,535	1,535	3,070
Turkish	955	765	1,715
Ukrainian	38,410	37,625	76,035
Yiddish	4,855	5,320	10,175
Yugoslav, N.O.S. ²	18,350	16,910	35,260
Other	11,440	13,230	24,670
Not Stated	82,780	83,295	166,080

1) Figures may not add due to rounding methodology. Please see definition.

2) Not Otherwise Stated (N.O.S.) includes also a number of Yugoslav Languages over and above the Croatian, Serbian and Slovenian designations.

Source: SC, *Population: Demographic Characteristics; Mother Tongue*, Catalogue 92-821 (Bulletin 2.2)

Table 2.12
Mother Tongue by Age Group¹, by County, Canada and Ontario, 1976

	English						
	Total	0-4	5-14	15-24	25-44	45-64	65 +
Canada	14,122,765	1,155,510	2,783,890	2,862,320	3,608,885	2,529,170	1,183,000
Ontario	6,457,645	505,755	1,245,830	1,286,305	1,669,050	1,192,475	558,230
Algoma	95,790	8,635	21,415	20,700	23,775	15,705	5,570
Brant	87,745	6,945	16,935	17,060	21,065	16,930	8,815
Bruce	53,735	4,735	10,210	9,670	12,760	9,770	6,590
Cochrane	42,155	4,185	9,435	9,010	10,275	6,600	2,660
Dufferin	26,415	2,525	5,705	4,280	7,375	4,135	2,400
Dundas	17,005	1,300	3,285	3,045	3,990	3,275	2,110
Durham	218,010	19,310	45,985	41,395	61,390	34,840	15,080
Elgin	60,615	4,890	11,730	10,875	14,315	11,675	7,125
Essex	234,610	20,175	49,415	48,505	56,190	40,615	19,720
Frontenac	96,710	6,720	17,070	21,020	25,130	18,200	8,580
Glengarry	10,700	750	2,090	1,950	2,220	2,160	1,535
Grenville	23,925	1,865	4,685	4,255	5,760	4,565	2,800
Grey	67,970	4,945	12,410	12,215	15,590	13,860	8,955
Haldimand-							
Norfolk	77,450	6,150	15,515	15,395	18,380	14,240	7,770
Haliburton	10,310	675	1,765	1,620	2,290	2,385	1,595
Halton	198,960	16,670	43,000	36,980	57,200	34,065	11,050
Hamilton-							
Wentworth	324,160	23,885	60,550	66,695	79,355	63,875	29,785
Hastings	99,800	7,395	19,160	19,420	24,160	19,750	9,915
Huron	52,420	4,230	10,240	9,735	11,500	10,180	6,545
Kenora	39,285	3,785	8,425	8,365	10,140	6,265	2,315
Kent	92,160	7,905	18,505	18,535	21,970	16,460	8,790
Lambton	107,380	8,870	20,955	22,315	25,915	20,275	9,045
Lanark	42,245	2,785	7,305	8,200	10,015	8,510	5,435
Leeds	49,260	3,465	8,865	8,950	11,895	10,160	5,935
Lennox-							
Addington	31,045	2,670	6,125	5,575	8,130	5,485	3,070
Manitoulin	9,090	730	1,930	1,550	1,880	1,725	1,275
Middlesex	264,370	20,375	48,625	54,620	68,320	48,380	24,050
Muskoka	34,390	2,440	5,940	6,270	8,010	7,285	4,445
Niagara	288,550	23,045	59,350	57,690	69,595	54,215	24,645
Nipissing	53,340	4,550	11,735	10,790	13,765	8,915	3,590
Northumberland	60,840	4,470	11,350	10,980	14,250	12,545	7,245
Ottawa-							
Carleton	366,645	25,705	66,575	77,510	101,150	69,035	26,670
Oxford	76,190	6,375	14,680	14,775	18,050	14,295	8,025
Parry Sound	30,485	2,105	5,825	5,330	6,905	6,465	3,855
Peel	303,680	29,890	68,570	56,180	94,850	42,720	11,480
Perth	60,640	4,805	11,505	11,915	13,730	11,655	7,025
Peterborough	94,675	6,705	17,020	18,080	22,930	20,000	9,935
Prescott	5,590	410	1,025	960	1,365	1,095	740
Prince Edward	21,600	1,415	3,865	4,030	4,815	4,760	2,705
Rainy River	20,840	1,920	4,485	4,315	4,740	3,795	1,575
Renfrew	79,185	6,185	15,985	16,430	19,020	14,465	7,095
Russell	4,090	405	910	710	1,295	505	265
Simcoe	188,020	15,735	36,300	35,685	47,580	33,995	18,720
Stormont	39,730	3,115	7,650	8,165	9,300	7,460	4,030
Sudbury(R.M.)	97,800	10,045	22,525	21,585	25,760	14,445	3,445
Sudbury(T.D.)	15,595	1,650	3,725	3,190	3,725	2,435	875
Thunder Bay	114,565	10,360	23,915	25,575	28,590	19,290	6,835
Timiskaming	29,485	2,355	5,955	5,900	6,645	5,625	3,010
Toronto	1,477,150	97,995	253,650	297,575	393,950	296,160	137,815
Victoria	41,375	3,000	7,255	7,060	9,565	8,750	5,730
Waterloo	233,350	20,590	46,340	49,405	62,175	38,435	16,405
Wellington	109,045	9,010	21,150	22,090	27,420	18,810	10,565
York	177,455	14,900	37,225	32,150	48,930	31,260	13,000

Table 2. 12 (cont'd)
Mother Tongue by Age Group¹, by County, Canada and Ontario 1976

	French						
	Total	0-4	5-14	15-24	25-44	45-64	65 +
Canada	5,887,205	413,790	1,046,265	1,223,080	1,662,590	1,101,400	440,080
Ontario	462,070	27,585	75,825	89,290	136,030	96,500	36,835
Algoma	10,825	650	2,040	2,040	3,300	2,150	650
Brant	1,085	40	120	165	360	330	70
Bruce	745	50	115	135	305	120	15
Cochrane	46,355	3,825	10,030	9,875	11,995	7,740	2,890
Dufferin	240	15	15	45	115	45	10
Dundas	695	30	110	105	220	175	50
Durham	4,215	145	555	635	1,775	910	190
Elgin	660	30	60	75	270	175	60
Essex	21,795	830	2,600	2,975	5,710	6,170	3,495
Frontenac	2,170	95	200	480	840	455	110
Glengarry	7,840	605	1,595	1,425	1,845	1,580	795
Grenville	670	20	75	100	240	185	50
Grey	300	10	25	40	115	80	35
Haldimand-Norfolk	1,350	55	130	180	490	355	150
Haliburton	80	5	10	10	20	30	5
Halton	4,035	245	540	655	1,640	835	125
Hamilton-Wentworth	6,730	255	810	1,160	2,335	1,700	470
Hastings	1,555	60	130	245	630	355	130
Huron	435	5	35	65	125	145	65
Kenora	1,980	100	260	300	685	480	165
Kent	5,055	185	565	765	1,340	1,420	780
Lambton	3,440	120	390	535	1,180	960	260
Lanark	650	25	60	80	245	170	75
Leeds	865	30	65	115	325	230	100
Lennox-Addington	400	25	30	65	165	95	20
Manitoulin	90	-	15	15	30	20	10
Middlesex	3,055	65	225	510	1,205	800	245
Muskoka	475	5	20	50	150	155	90
Niagara	16,120	795	2,450	3,010	4,920	3,925	1,020
Nipissing	24,385	1,625	4,965	4,790	6,145	4,750	2,115
Northumberland	590	10	45	90	215	170	60
Ottawa-Carleton	99,515	5,400	15,145	20,795	29,035	20,785	8,345
Oxford	895	50	80	145	340	210	75
Parry Sound	750	15	60	65	205	290	130
Peel	5,550	310	590	830	2,720	960	150
Perth	275	5	10	55	105	70	25
Peterborough	745	20	40	115	245	225	100
Prescott	22,855	1,665	4,575	4,750	5,570	4,245	2,040
Prince Edward	135	-	15	20	55	45	5
Rainy River	720	20	60	90	190	230	120
Renfrew	4,000	135	460	675	1,130	1,115	485
Russell	15,160	1,245	3,180	2,945	4,015	2,470	1,305
Simcoe	7,970	325	1,020	1,805	2,330	1,685	805
Stormont	18,830	1,090	3,195	3,590	4,795	4,210	1,945
Sudbury(R.M.)	49,690	3,980	10,090	10,700	13,830	8,540	2,545
Sudbury(T.D.)	9,975	760	2,150	1,865	2,530	1,970	705
Thunder Bay	6,435	345	950	1,180	1,940	1,580	440
Timiskaming	11,655	865	2,420	2,305	2,955	2,185	930
Toronto	30,630	1,070	2,740	5,345	12,070	7,395	2,005
Victoria	275	-	25	35	95	75	40
Waterloo	4,175	215	465	805	1,680	845	175
Wellington	1,050	50	100	220	400	215	70
York	1,890	70	195	225	865	445	100

Table 2. 12 (cont'd)

Mother Tongue by Age Group¹, by County, Canada and Ontario, 1976

	Other than English or French ²						
	Total	0-4	5-14	15-24	25-44	45-64	65 +
Canada	2,982,635	162,695	334,030	393,660	946,080	766,900	379,265
Ontario	1,344,750	73,870	144,920	176,760	461,725	343,615	143,855
Algoma	16,265	715	1,760	2,005	4,880	5,085	1,805
Brant	10,270	400	795	1,160	3,240	3,185	1,485
Bruce	2,995	120	250	305	990	805	520
Cochrane	8,315	435	910	1,035	1,960	2,380	1,595
Dufferin	1,870	60	150	200	790	500	165
Dundas	810	25	45	75	300	275	100
Durham	25,245	955	2,035	2,775	9,200	7,775	2,525
Elgin	7,815	490	990	970	2,440	2,015	905
Essex	53,955	2,800	5,635	6,640	16,120	14,255	8,500
Frontenac	9,175	460	895	1,460	3,330	2,230	800
Glengarry	730	20	55	115	185	250	95
Grenville	1,430	35	115	130	470	505	170
Grey	3,905	155	300	375	1,120	1,275	675
Haldimand-							
Norfolk	10,455	395	710	1,045	2,885	3,270	2,150
Haliburton	405	10	35	30	95	150	85
Halton	25,500	1,120	2,280	2,750	10,510	6,950	1,885
Hamilton-							
Wentworth	78,600	3,705	7,775	9,860	25,255	22,705	9,305
Hastings	4,480	160	375	570	1,560	1,295	530
Huron	3,150	110	215	290	1,045	1,015	470
Kenora	16,715	2,035	3,850	2,685	3,805	3,000	1,330
Kent	8,915	350	690	880	2,820	2,535	1,640
Lambton	9,760	355	765	1,050	3,610	2,870	1,095
Lanark	1,300	55	135	165	405	380	150
Leeds	2,455	90	175	295	860	725	295
Lennox-							
Addington	1,185	35	90	140	430	350	125
Manitoulin	1,715	150	390	375	345	280	170
Middlesex	36,320	1,640	3,170	4,860	13,335	9,635	3,680
Muskoka	1,825	70	110	125	520	650	335
Niagara	60,770	1,845	4,825	6,530	17,605	19,800	10,160
Nipissing	4,015	155	415	505	1,170	1,170	590
Northumberland	3,010	90	175	285	1,055	1,010	405
Ottawa-							
Carleton	54,375	3,120	5,625	7,660	20,985	12,625	4,360
Oxford	8,255	360	700	950	2,625	2,395	1,205
Parry Sound	1,420	35	110	120	365	470	295
Peel	66,680	4,705	7,790	8,120	30,260	12,230	3,565
Perth	5,365	245	505	585	1,720	1,525	790
Peterborough	4,505	145	380	565	1,495	1,405	500
Prescott	655	40	75	110	180	160	80
Prince Edward	825	20	45	65	295	285	125
Rainy River	3,210	190	430	355	675	960	625
Renfrew	5,910	175	455	590	1,570	1,905	1,230
Russell	485	35	55	85	180	100	40
Simcoe	14,700	590	1,245	1,700	5,190	4,080	1,910
Stormont	2,615	170	265	345	780	700	370
Sudbury(R.M.)	20,215	825	1,935	2,495	5,470	6,890	2,605
Sudbury(T.D.)	1,720	80	170	220	425	545	270
Thunder Bay	29,645	965	2,415	3,130	7,480	10,020	5,640
Timiskaming	2,620	60	145	240	505	895	760
Toronto	616,510	38,170	72,485	88,105	216,650	145,490	55,625
Victoria	1,895	75	165	200	640	605	230
Waterloo	51,605	3,015	5,930	7,115	16,855	12,305	6,370
Wellington	13,640	635	1,345	1,725	4,890	3,600	1,430
York	24,570	1,240	2,485	2,595	10,120	6,055	2,060

¹ 12 age groups were combined to produce these figures.² The "Other than English or French" totals includes "Not Stated," persons who did not report a language as mother tongue. It should be noted that the "Not Stated" category includes persons who should have reported English or French.

Table 2. 13
Population, by Selected Municipality, Ontario, Census Years, 1951–1976

	1951	1956	1961	1966 ¹	1971 ¹	1976 ³
Ontario	4,597,542	5,404,933	6,236,092	6,960,870	7,703,106	8,264,465
Toronto	675,754	667,706	672,407	664,584	712,786	633,318
North York (Borough)	85,897	170,110	269,959	399,534	504,150	558,398
Scarborough (Borough)	56,292	139,744	217,286	278,377	334,310	387,149
York (Borough)	101,582	117,553	129,645	134,674	147,301	141,367
East York (Borough)	64,616	69,642	72,409	74,200	104,784	106,950
Etobicoke (Borough)	53,779	103,621	156,035	219,542	282,686	297,109
Hamilton	208,321	239,625	273,991	298,121	309,173	312,003
Ottawa	202,045	222,129	268,206	290,741	302,341	304,462
London	95,343	101,693	169,569	194,416	223,222	240,392
Windsor	120,049	121,980	114,367	192,544	203,300	196,526
Mississauga	..	..	..	..	156,070	250,017
Kitchener	44,867	59,562	74,485	93,255	111,804	131,870
St. Catharines	37,984	39,708	84,472	97,101	109,722	123,351
Thunder Bay	66,108	77,600	90,490	96,548	108,411	111,476
Oshawa	41,545	50,412	62,415	78,082	91,587	107,023
Sudbury	42,410	46,482	80,120	84,888	90,535	97,604
Burlington	6,017	9,127	47,088	65,941	87,023	104,314
Sault Ste. Marie	32,452	37,329	43,088	74,594	80,332	81,048
Niagara Falls	22,874	23,563	22,351	56,891	67,163	69,423
Brantford	36,727	51,869	55,201	59,854	64,421	66,950
Oakville	6,910	9,983	10,366	52,793	61,483	68,950
Guelph	27,386	33,860	39,838	51,377	60,087	67,538
Kingston	33,459	48,618	53,526	59,004	59,047	56,032
Peterborough	38,272	42,698	47,185	56,177	58,111	59,683
Sarnia	34,697	43,447	50,976	54,552	57,644	55,576
North Bay	17,944	21,020	23,781	23,635	49,187	51,639
Cornwall	16,899	18,158	43,639	45,766	47,116	46,121
Welland	15,382	16,405	36,079	39,960	44,397	45,047
Brampton	8,389	12,587	18,467	36,264	41,211	103,459
Cambridge	..	..	..	..	64,794 ²	72,383

1) In years 1966 to 1971 selected municipalities underwent boundary changes. Please see Statistics Canada Catalogue 92–702 for description of boundary changes.
2) Figure adjusted to 1976 boundaries.
3) Selected municipalities underwent boundary changes.

Source: SC, *Population, Census Subdivisions (Historical)*.

Table 2. 14

Population, by Census Metropolitan Area, Ontario, Selected Years, 1951–1977

Year	Hamilton	Kitchener	London	Ottawa- Hull	St. Catharines- Niagara	Sudbury	Thunder Bay	Toronto	Windsor
	'000's								
1951	260	...	122	282	...	...	...	1,117	158
1961	401	155	227	457	258	127	102	1,919	217
1966	457	192	254	529	285	137	108	2,290	238
1967	471	199	263	547	289	140	109	2,366	243
1968	480	206	270	561	293	144	110	2,435	248
1969	488	213	276	574	296	148	110	2,495	252
1970	494	221	281	590	300	152	111	2,567	255
1971 ¹	503	239	253	620	286	158	115	2,602	249
1972 ²	508	245	256	633	289	158	116	2,632	249
1973 ²	512	250	259	646	293	157	117	2,664	248
1974 ²	518	258	263	663	296	157	118	2,716	248
1975 ²	525	266	267	679	299	157	118	2,765	248
1976 ¹	529	272	270	693	302	157	119	2,803	248
1977 ³	533	275	273	702	305	158	120	2,849	249

1) Census population.

2) Intercensal population estimates.

3) Preliminary postcensal population estimates.

Source: SC, *Estimated Population of the Metropolitan Areas of Canada*.**Table 2. 15**Central City and Suburban Percentage Shares, by Census Metropolitan Area¹, Ontario, Census Years, 1951–1976

	Central City Portion				Suburban Portion			
	1951	1961	1971	1976	1951	1961	1971	1976
Hamilton	79.8	68.3	62.0	58.9	20.2	31.7	38.0	41.1
Kitchener	47.1	48.9	49.3	48.5	52.9	51.1	50.7	51.5
London	71.8	74.8	78.0	88.9	28.2	25.2	22.0	11.1
Ottawa-Hull ²	64.8	58.7	50.2	43.9	35.2	41.3	49.8	56.1
St. Catharines- Niagara	32.2	33.6	36.2	40.9	67.8	66.4	63.8	59.1
Sudbury	70.6	62.9	58.2	62.2	29.4	37.1	41.8	37.8
Thunder Bay	96.6	96.7	96.7	93.5	3.4	3.3	3.3	6.5
Toronto	55.4	36.6	27.1	22.6	44.6	63.4	72.9	77.4
Windsor	..	81.1	78.6	79.4	..	18.9	21.4	20.6

1) Constant 1971 boundaries were used to compute the population in the CMAs and their component parts prior to 1971. Some 1971 CMAs were not CMAs prior to 1971.

2) The Central City portion of Ottawa-Hull is for Ottawa only; it does not include the Central City portion of Hull.

Source: SC, *Perspective Canada*.

Table 2. 16

Urban and Rural Distribution of Population, by County, Ontario, Census Years, 1951-1976

	1951			1956		
	Total	Urban	Rural	Total	Urban	Rural
Ontario	4,597,542	3,375,825	1,221,717	5,404,933	4,102,919	1,302,014
Algoma	64,496	45,786	18,710	82,059	60,364	21,695
Brant	72,857	57,480	15,377	77,992	61,593	16,399
Bruce	41,311	12,821	28,490	42,070	13,185	28,885
Cochrane	83,850	54,241	29,609	86,768	57,310	29,458
Dufferin	14,566	4,433	10,133	15,569	5,132	10,437
Dundas	15,818	5,239	10,579	16,978	5,716	11,262
Durham	30,115	13,031	17,084	35,827	16,787	19,040
Elgin	55,518	24,178	31,340	59,114	28,025	31,089
Essex	217,150	183,784	33,366	246,901	209,198	37,703
Frontenac	66,099	49,327	16,722	76,534	58,290	18,244
Glengarry	17,702	2,204	15,498	18,693	2,487	16,206
Grenville	17,045	6,788	10,257	20,563	8,644	11,919
Grey	58,960	25,980	32,980	60,971	27,666	33,305
Haldimand	24,138	7,905	16,233	26,069	8,818	17,249
Haliburton	7,670	-	7,670	8,012	-	8,012
Halton	44,003	31,031	12,972	68,297	47,877	20,420
Hastings	74,298	38,872	35,426	83,745	44,126	39,619
Huron	49,280	14,788	34,492	51,728	16,331	35,397
Kenora	39,212	16,393	22,819	47,156	20,826	26,330
Kent	79,128	38,229	40,899	85,362	41,668	43,494
Lambton	74,960	47,399	27,561	89,939	59,534	30,405
Lanark	35,601	20,872	14,729	38,025	21,862	16,163
Leeds	38,831	16,873	21,958	43,077	18,866	24,211
Lennox-Addington	19,544	3,897	15,647	21,611	4,273	17,338
Manitoulin	11,214	1,397	9,817	11,060	1,514	9,546
Middlesex	162,139	132,685	29,454	190,897	160,780	30,117
Muskoka ¹	24,713	8,975	15,738	25,134	8,914	16,220
Niagara ²	212,599	165,077	47,522	261,346	202,645	58,701
Nipissing	50,517	27,397	23,120	60,452	36,120	24,332
Norfolk	42,708	13,971	28,737	46,122	15,778	30,344
Northumberland	33,482	13,780	19,702	38,018	16,246	21,772
Ontario	87,088	59,251	27,837	108,440	75,287	33,153
Ottawa-Carleton ³	242,247	227,656	14,591	282,630	266,290	16,340
Oxford	58,818	29,309	29,509	65,228	33,471	31,757
Parry Sound	27,371	5,183	22,188	28,095	6,542	21,553
Peel	55,673	26,738	28,935	83,108	59,601	23,507
Perth	52,584	29,905	22,679	55,057	31,686	23,371
Peterborough	60,789	44,033	16,756	67,981	50,008	17,973
Prescott	25,576	8,674	16,902	26,291	11,900	14,391
Prince Edward	18,559	4,287	14,272	21,145	6,075	15,070
Rainy River	22,132	9,386	12,746	25,483	16,214	9,269
Renfrew	66,717	29,032	37,685	78,245	36,834	41,411
Russell	17,666	3,506	14,160	18,994	3,998	14,996
Simcoe	106,482	48,942	57,540	127,016	60,334	66,682
Stormont	48,458	27,694	20,764	56,452	43,024	13,428
Sudbury	109,596	83,082	26,508	141,975	112,815	29,160
Thunder Bay	105,367	79,236	26,131	122,890	96,885	26,005
Timiskaming	50,016	29,602	20,414	50,264	30,136	20,128
Toronto ⁴	...	...	...	...	...	...
Victoria	27,127	12,114	15,013	28,248	12,489	15,759
Waterloo	126,123	99,161	26,962	148,774	121,742	27,032
Wellington	66,930	41,568	25,362	75,691	48,729	26,962
Wentworth	266,083	258,117	7,966	316,238	305,775	10,463
York ⁵	1,176,622	1,134,516	42,106	1,440,601	1,392,509	48,092

Table 2. 16 (cont'd)

Urban and Rural Distribution of Population, by County, Ontario, Census Years 1951-1976

	1961			1966		
	Total	Urban	Rural	Total	Urban	Rural
Ontario	6,236,092	4,823,529	1,412,563	6,960,870	5,593,440	1,367,430
Algoma	111,408	81,496	29,912	113,117	..	..
Brant	83,839	63,635	20,204	90,945	69,529	21,416
Bruce	43,036	15,008	28,028	43,085	15,836	27,249
Cochrane	95,666	63,345	32,321	97,334	67,252	30,082
Dufferin	16,095	5,832	10,263	17,108	6,942	10,166
Dundas	17,162	5,633	11,529	17,106	5,787	11,319
Durham	39,916	18,617	21,299	44,549	21,967	22,582
Elgin	62,862	30,745	32,117	61,912	30,062	31,850
Essex	258,218	210,170	48,048	280,862	..	..
Frontenac	87,534	63,419	24,115	97,138	71,540	25,598
Glengarry	19,217	2,597	16,620	18,181	2,864	15,317
Grenville	22,864	9,269	13,595	23,429	9,305	14,124
Grey	62,005	30,023	31,982	62,592	30,972	31,620
Haldimand	28,197	9,454	18,743	30,020	11,327	18,693
Haliburton	8,928	-	8,928	7,768	-	7,768
Halton	106,967	94,946	12,021	151,924	..	..
Hastings	93,377	55,726	37,651	94,127	63,903	30,224
Huron	53,805	18,126	35,679	54,446	22,366	32,080
Kenora	51,474	24,754	26,720	53,995	26,902	27,093
Kent	89,427	50,816	38,611	96,466	..	..
Lambton	102,131	68,482	33,649	108,236	75,116	33,120
Lanark	40,313	23,026	17,287	41,212	23,810	17,402
Leeds	46,889	23,855	23,034	49,129	25,505	23,624
Lennox - Addington	23,717	4,500	19,217	25,202	6,648	18,554
Manitoulin	11,176	1,527	9,649	10,544	1,441	9,103
Middlesex	221,422	181,536	39,886	249,403	209,291	40,112
Muskoka ¹	26,705	9,193	17,512	27,691	9,644	18,047
Niagara ²	291,415	228,527	62,888	324,917	267,050	57,867
Nipissing	70,568	43,147	27,421	73,533	46,386	27,147
Norfolk	50,475	17,466	33,009	50,578	19,031	31,547
Northumberland	41,892	17,863	24,029	45,074	20,291	24,783
Ontario	135,895	107,727	28,168	170,818	139,652	31,166
Ottawa - Carleton ³	352,932	325,050	27,882	413,692	..	..
Oxford	70,499	36,225	34,782	76,018	42,236	33,782
Parry Sound	29,632	9,348	20,284	28,335	8,120	20,215
Peel	111,575	86,989	24,586	172,321	149,534	22,787
Perth	57,452	32,979	24,473	60,424	35,837	24,587
Peterborough	76,375	55,450	20,925	81,959	61,886	20,073
Prescott	27,226	12,780	14,446	27,155	13,313	13,842
Prince Edward	21,108	5,926	15,182	21,307	6,314	14,993
Rainy River	26,531	17,323	9,208	25,816	16,913	8,903
Renfrew	89,635	47,229	42,406	89,453	54,754	34,699
Russell	20,892	5,426	15,466	14,878	..	..
Simcoe	141,271	71,992	69,279	149,132	91,077	58,055
Stormont	57,867	43,639	14,228	59,550	45,766	13,784
Sudbury	165,862	118,405	47,457	174,546	..	..
Thunder Bay	138,518	110,920	27,598	143,673	115,955	27,718
Timiskaming	50,971	33,211	17,760	47,154	30,369	16,785
Toronto ⁴	..	..	..	1,881,691	..	..
Victoria	29,750	13,968	15,782	30,917	14,745	16,172
Waterloo	176,754	147,983	28,771	216,728	186,922	29,806
Wellington	84,702	55,097	29,605	94,177	66,072	28,105
Wentworth	358,837	324,341	34,496	383,175	..	..
York ⁵	1,733,108	1,688,788	44,320	136,328	..	..

District Municipality, comprising the former Territorial District of Muskoka as well as part of the Unorganized Township of Finlayson in the Territorial District of Nipissing.

Regional Municipality, comprising the former counties of Lincoln and Welland.

Regional Municipality comprising the former county of Carleton as well as Cumberland Township in Russell County.

Table 2. 16 (cont'd)

Urban and Rural Distribution of Population, by County, Ontario, Census Years, 1951-1976

	1971 ¹			1976		
	Total ⁶	Urban	Rural	Total ⁶	Urban	Rural
Ontario	7,703,105	6,301,055	1,402,050	8,264,465	6,708,520	1,555,945
Algoma	121,935	94,375	27,560	122,880	93,445	29,435
Brant	96,760	75,465	21,305	99,100	77,905	21,195
Bruce	47,385	18,365	29,020	57,475	22,755	34,720
Cochrane ⁷	95,880	66,395	29,485	96,825	69,085	27,740
Dufferin	21,200	10,770	10,430	28,530	16,045	12,480
Dundas	17,460	6,105	11,350	18,510	6,535	11,975
Durham ⁷	217,430	171,675	45,755	247,475	199,090	48,385
Elgin	66,610	33,120	33,490	69,090	35,210	33,880
Essex ⁷	306,395	245,600	60,800	310,360	243,190	67,170
Frontenac	101,690	74,565	27,125	108,050	78,625	29,430
Glengarry	18,480	3,240	15,240	19,270	3,495	15,775
Grenville	24,315	9,445	14,875	26,025	9,385	16,635
Grey	66,405	33,505	32,900	72,175	35,890	36,290
Haldimand- Norfolk ⁷	86,715	33,495	53,220	89,250	35,415	53,840
Haliburton	9,080	-	9,080	10,795	-	10,795
Halton ⁷	189,850	169,320	20,535	228,495	205,070	23,430
Hamilton - Wentworth ⁷	401,240	365,250	35,990	409,490	370,410	39,085
Hastings	99,395	67,680	31,710	105,835	70,090	35,745
Huron	52,950	20,495	32,455	56,005	21,390	34,615
Kenora	53,230	28,240	24,990	57,980	28,310	29,670
Kent ⁷	101,115	60,925	40,190	106,130	66,090	40,035
Lambton	114,315	80,050	34,265	120,580	81,095	39,480
Lanark	42,260	26,535	15,725	44,200	25,860	18,340
Leeds	50,095	27,345	22,745	52,580	27,390	25,190
Lennox - Addington	28,360	8,795	19,565	32,635	11,055	21,580
Manitoulin	10,930	1,565	9,365	10,895	1,475	9,415
Middlesex	282,015	241,235	40,780	303,745	260,370	43,375
Muskoka ¹	31,940	12,775	19,165	36,690	14,645	22,045
Niagara ²	347,330	304,120	43,210	365,440	319,885	45,555
Nipissing	78,865	58,335	20,530	81,740	60,675	21,065
Northumberland ⁷	59,225	29,495	29,735	64,440	31,220	33,225
Ottawa - Carleton ³	471,930	435,020	36,910	520,530	474,590	45,945
Oxford ⁷	80,405	46,885	33,525	85,335	49,960	35,380
Parry Sound	30,245	9,250	20,995	32,655	8,900	23,755
Peel ⁷	259,875	234,815	25,060	375,910	344,680	31,235
Perth	62,975	37,580	25,400	66,280	39,765	26,515
Peterborough ⁷	92,415	65,470	26,945	99,930	67,125	32,810
Prescott	27,830	13,810	14,020	29,100	13,840	15,260
Prince Edward	20,640	4,875	15,765	22,560	4,650	17,910
Rainy River	25,750	17,065	8,685	24,770	16,090	8,685
Renfrew	90,875	56,360	34,515	89,095	53,785	35,310
Russell	16,290	6,440	9,850	19,735	7,120	12,615
Simcoe ⁷	175,965	106,010	69,955	210,690	122,375	88,315
Stormont	61,300	47,115	14,185	61,170	46,120	15,050
Sudbury (R.M.)	169,050	142,830	26,220	167,705	144,425	23,280
Sudbury (T.D.)	29,030	10,410	18,620	27,290	10,255	17,030
Thunder Bay	145,390	123,525	21,865	150,645	126,740	23,910
Timiskaming ⁷	46,440	32,365	14,080	43,760	29,710	14,050
Toronto ^{4,7}	2,089,730	2,087,015	2,710	2,124,295	2,112,040	12,255
Victoria ⁷	36,640	15,880	20,760	43,545	16,260	27,285
Waterloo ⁷	254,680	229,665	25,015	289,125	262,925	26,210
Wellington ⁷	108,720	76,960	31,765	123,735	87,005	36,730
York ⁵	166,060	123,440	42,620	203,915	149,085	54,835

4) Metropolitan Municipality, comprising that part of the former York County previously known as "Toronto Metropolitan Corporation".

5) Regional Municipality, comprising that part of the former York County outside the old "Toronto Metropolitan Corporation".

6) Figures may not add due to rounding methodology. Please see definition.

7) Underwent boundary changes, 1971 figure based on 1976 boundary definition.

Source: SC, *Population: Urban and Rural Distribution*.

Population Dependency Ratios and Median Age by Birthplace and Urban/Rural Residence, Ontario, Census Years, 1951-1971

Birthplace and Residence	Dependency Ratios ¹				Dependency Ratios ¹				Dependency Ratios ¹			
	Total Number	Child	Aged	Median Age	Total Number	Child	Aged	Median Age	Total Number	Child	Aged	Median Age
	'000'				'000'				'000'			
			1951				1961				1971	
Totals												
Total	4,598	0.419	0.135	30.30	6,236	0.540	0.137	28.25	7,703	0.455	0.133	27.28
Canadian Born	3,748	0.519	0.117	26.09	4,883	0.688	0.117	23.30	5,996	0.579	0.110	23.00
In Province	3,338	0.576	0.126	24.97	4,305	0.784	0.128	20.97	5,210	0.659	0.118	21.16
Not in Province	410	0.182	0.063	31.18	578	0.212	0.065	33.80	786	0.203	0.070	33.78
Foreign Born	850	0.075	0.197	47.59	1,353	0.144	0.187	41.10	1,707	0.115	0.196	40.09
Urban												
Total	3,251	0.376	0.130	31.13	4,824	0.511	0.133	28.95	6,349	0.436	0.130	27.58
Canadian Born	2,559	0.483	0.105	26.43	3,645	0.671	0.109	23.68	4,788	0.569	0.104	23.06
In Province	2,245	0.542	0.113	25.19	3,166	0.779	0.119	21.10	4,093	0.657	0.112	21.12
Not in Province	313	0.168	0.061	31.54	479	0.198	0.064	34.17	695	0.199	0.068	33.56
Foreign Born	692	0.063	0.203	48.16	1,179	0.142	0.188	41.01	1,562	0.118	0.192	39.59
Rural												
Total	1,346	0.534	0.151	27.87	1,413	0.645	0.150	25.29	1,354	0.550	0.149	25.53
Canadian Born	1,189	0.607	0.147	25.18	1,238	0.741	0.143	21.98	1,208	0.622	0.134	22.63
In Province	1,092	0.653	0.157	24.41	1,139	0.797	0.153	20.56	1,117	0.666	0.140	21.38
Not in Province	97	0.230	0.070	29.85	99	0.287	0.069	31.82	91	0.235	0.083	35.50
Foreign Born	158	0.128	0.171	44.89	175	0.160	0.184	41.76	146	0.092	0.241	44.94
Rural Farm												
Total	678	0.536	0.147	28.15	506	0.580	0.136	26.69	364	0.514	0.115	25.35
Canadian Born	602	0.601	0.147	25.60	444	0.669	0.137	23.13	325	0.592	0.111	21.68
In Province	574	0.623	0.151	25.12	427	0.696	0.141	22.19	313	0.613	0.113	20.90
Not in Province	27	0.255	0.090	31.61	17	0.190	0.075	37.64	12	0.193	0.069	40.22
Foreign Born	76	0.153	0.144	43.64	62	0.132	0.130	42.84	39	0.058	0.140	44.32
Rural Non-Farm												
Total	668	0.532	0.155	27.66	907	0.684	0.159	24.71	990	0.564	0.162	25.57
Canadian Born	587	0.612	0.147	24.84	794	0.784	0.147	21.47	884	0.634	0.143	22.91
In Province	518	0.688	0.164	23.73	712	0.864	0.161	19.82	804	0.687	0.151	21.53
Not in Province	69	0.221	0.062	29.33	82	0.309	0.068	30.78	79	0.242	0.085	34.75
Foreign Born	82	0.104	0.195	45.85	113	0.177	0.217	41.20	106	0.107	0.285	45.28

1) Child dependency ratio = Population aged 0-14/Population aged 15-64. Aged dependency ratio = Population aged 65 + /Population aged 15-64. Total dependency ratio = Sum of above-mentioned ratios.

Source: SC, Census Field, Analytical and Technical Memorandum No. 9.

Table 2.18

Population by Birthplace, Ontario, Census Years, 1951-1971

	1951	1961	1971 ¹
Total	4,597,542	6,236,092	7,703,105
Canada	3,747,577	4,882,935	5,995,710
Newfoundland	19,124	26,935	59,585
Prince Edward Island	7,138	13,487	19,730
Nova Scotia	43,730	78,114	115,710
New Brunswick	32,027	55,770	81,210
Québec	154,134	196,211	251,980
Ontario	3,337,593	4,305,288	5,209,870
Manitoba	61,004	78,719	90,680
Saskatchewan	56,420	69,333	81,315
Alberta	19,017	30,176	42,815
British Columbia	17,124	27,833	39,270
Yukon and Northwest Territories	266	1,069	3,535
United Kingdom	433,391	501,073	517,495
Other Commonwealth and			
British Dependencies	8,347	23,778	36,350 ²
Australia	974	2,567	5,720
British West Indies	1,870	6,520	44,610 ³
India and Pakistan	1,279	3,083	19,720
South Africa	694	1,752	15,605 ³
Other	3,530	9,856	10,910
West Indies	..	..	44,610
Africa	..	..	15,605
United States	72,303	81,463	101,440
European Countries	323,289	722,595	910,570
Austria	9,927	24,134	17,640
Belgium	7,138	12,658	11,375
Czechoslovakia	15,492	18,878	24,065
Denmark	3,743	10,049	9,240
Finland	15,366	20,974	17,135
France	2,374	6,357	9,425
Germany	14,820	91,822	102,945
Greece	5,731	20,291	45,435
Hungary	17,747	37,288	38,050
Iceland	167	129	325
Italy	34,809	161,730	254,150
Netherlands	24,178	79,388	78,905
Norway	2,248	2,736	2,440
Poland	70,588	79,706	78,375
Republic of Ireland	10,292	16,644	21,935
Romania	7,317	10,964	10,530
Sweden	3,917	4,179	3,640
Switzerland	1,734	3,783	4,840
U.S.S.R.	60,334	75,616	70,610
Yugoslavia	13,904	33,596	55,850
Other	1,463	11,673	53,655
Asian Countries	10,457	18,635	51,390
China	5,581	9,999	18,735
Japan	2,244	2,503	3,720
Other	2,632	6,133	28,935
Other Countries	2,178	5,613	29,940

1) Figures may not add due to rounding methodology. Please see definitions.

2) Total includes Australia, India and Pakistan and Other.

3) 1971 Counts for British West Indies and South Africa are included in West Indies and Africa totals, respectively.

Table 2.19
Population by Ethnic Group, Ontario, Census Years, 1951-1971

	1951	1961	1971 ¹
Total	4,597,542	6,236,092	7,703,105
British Isles	3,081,919	3,711,536	4,576,010
English	1,662,966	1,939,867	..
Irish	723,888	873,647	..
Scottish	658,594	835,590	..
Other	36,471	62,432	..
Other European	1,363,063	2,298,031	2,858,060
French	477,677	647,941	737,360
Austrian, n.o.s. ²	8,126	34,488	15,765
Belgian	11,592	22,142	19,955
Czech and Slovak	29,025	33,332	40,770
Finnish	29,327	39,906	38,515
German	222,028	400,717	475,320
Greek	7,248	29,062	67,025
Hungarian	28,182	59,427	65,695
Italian	87,622	273,864	463,095
Jewish	74,920	65,280	135,195
Lithuanian	8,871	16,200	15,365
Netherlands	98,373	191,017	206,940
Polish	89,825	149,524	144,115
Romanian	8,008	15,787	9,255
Russian	16,885	28,327	12,580
Scandinavian	37,430	63,653	60,225
Danish	7,943	22,586	19,075
Icelandic	1,371	2,313	2,680
Norwegian	10,938	15,144	20,590
Swedish	17,178	23,610	17,880
Ukrainian	93,595	127,911	159,880
Yugoslav	13,753	43,564	70,060
Other	20,576	55,889	120,945
Asian	22,138	39,277	96,385
Chinese	6,997	15,155	39,325
Japanese	8,581	11,870	15,600
Other	6,560	12,252	41,460
Other	130,422	187,248	172,660
Indian and Eskimo	37,388	48,074	63,175
Negro	6,926	11,062	18,200
Other and Unknown	86,108	128,112	91,285

¹ Figures may not add due to rounding methodology. Please see definitions.

² n.o.s. = not otherwise specified.

Source: SC, *Population, Ethnic Groups*.

Table 2.20

Population by Religious Denomination, Ontario, Census Years, 1951-1971

	1951	1961	1971
Total	4,597,542	6,236,092	7,703,105
Adventist	4,236	6,389	9,215
Anglican	..	1,117,862	1,220,535
Baptist	212,467	250,343	283,400
Buddhist	2,040	3,320	5,610
Christian & Missionary Alliance	2,000	5,472	6,625
Christian, Reformed	..	40,950	54,660
Churches of Christ, Disciples	7,503	8,957	7,060
Confucian	848	826	370
Doukhorbor	61	109	175
Free Methodist	6,761	11,034	13,190
Greek Orthodox ¹	48,684	83,565	134,465
Hutterite ²	..	..	260
Jehovah's Witnesses	11,485	23,921	67,710
Jewish	85,467	109,344	125,315
Lutheran	135,581	242,636	267,225
Mennonite ³	25,796	30,948	40,115
Mormon	9,249	14,326	16,810
Pentecostal	31,415	48,168	76,630
Presbyterian	439,072	491,436	540,035
Roman Catholic	1,142,140	1,873,110	2,568,695
Salvation Army	23,904	31,892	43,840
Ukrainian Catholic ⁴	39,600	46,804	56,730
Unitarian	1,188	7,318	9,220
United Church ⁵	1,320,366	1,640,564	1,682,820
Other	1,033,736	146,798	128,710
No Religion	13,943	..	343,680

1) Includes those denominations which observe the Greek Orthodox rite, such as Russian Orthodox, Ukrainian Orthodox and Syrian Orthodox.

2) 1951 and 1961 data are included in "Mennonite".

3) 1951 and 1961 data include "Hutterite".

4) Includes "Other Greek Catholic".

5) 1951 and 1961 data include Congregationalist and Methodist.

6) Figures may not add due to rounding methodology. Please see definitions.

Source: SC, *Population, Religious Denominations*.

Table 2.21
Registered Indian Population by Age and Sex, Canada and Ontario, 1971-1977

		Total	0-4	5-14	15-24	25-44	45-64	65 +	Unstated
Canada									
1971	Total	257,619	38,919	77,659	50,400	53,258	25,857	10,859	667
	Male	131,624	19,736	39,101	25,369	27,791	13,711	5,790	126
	Female	125,995	19,183	38,558	25,031	25,467	12,146	5,069	541
1972	Total	264,680	38,592	79,366	53,033	55,457	26,429	11,161	642
	Male	134,885	19,590	40,018	26,522	28,745	13,950	5,938	122
	Female	129,795	19,002	39,348	26,511	26,712	12,479	5,223	520
1973	Total	270,494	37,780	81,041	55,418	57,325	26,983	11,386	561
	Male	137,838	19,145	40,937	27,710	29,726	14,195	6,010	115
	Female	132,656	18,635	40,104	27,708	27,599	12,788	5,376	446
1974	Total	276,436	36,906	82,414	58,016	59,374	27,439	11,739	548
	Male	140,860	18,825	41,668	28,939	30,759	14,402	6,151	116
	Female	135,576	18,081	40,746	29,077	28,615	13,037	5,588	432
1975	Total	282,762	35,944	83,506	61,040	61,572	28,108	12,402	190
	Male	143,822	18,218	42,287	30,333	31,792	14,722	6,448	22
	Female	138,940	17,726	41,219	30,707	29,780	13,386	5,954	168
1976	Total	288,938	35,110	84,092	64,278	63,796	28,861	12,608	193
	Male	146,662	17,771	42,602	31,888	32,800	15,077	6,502	22
	Female	142,276	17,339	41,490	32,390	30,996	13,784	6,106	171
1977	Total	295,898	35,203	84,615	67,239	66,167	29,542	12,939	193
	Male	149,863	17,812	42,860	33,264	33,843	15,401	6,661	22
	Female	146,035	17,391	41,755	33,975	32,324	14,141	6,278	171
Ontario									
1971	Total	56,553	6,800	15,672	11,336	12,611	6,890	2,883	361
	Male	28,824	3,401	7,954	5,756	6,577	3,560	1,483	93
	Female	27,729	3,399	7,718	5,580	6,034	3,330	1,400	268
1972	Total	57,768	6,740	15,804	11,868	13,095	7,029	2,964	348
	Male	29,340	3,372	7,951	5,999	6,792	3,623	1,513	90
	Female	28,428	3,368	7,773	5,869	6,303	3,406	1,451	258
1973	Total	59,405	6,702	16,010	12,430	13,702	7,191	3,031	339
	Male	30,135	3,383	8,095	6,239	7,110	3,688	1,531	89
	Female	29,270	3,319	7,915	6,191	6,592	3,503	1,500	250
1974	Total	60,576	6,608	16,137	12,907	14,192	7,217	3,183	332
	Male	30,711	3,369	8,147	6,421	7,379	3,691	1,616	88
	Female	29,865	3,239	7,990	6,486	6,813	3,526	1,567	244
1975	Total	61,621	6,358	16,200	13,474	14,714	7,316	3,484	75
	Male	31,160	3,244	8,167	6,696	7,595	3,733	1,711	14
	Female	30,461	3,114	8,033	6,778	7,119	3,583	1,773	61
1976	Total	63,191	6,394	16,283	14,071	15,313	7,471	3,582	77
	Male	31,890	3,262	8,194	7,024	7,828	3,816	1,752	14
	Female	31,301	3,132	8,089	7,047	7,485	3,655	1,830	63
1977	Total	64,576	6,352	16,241	14,675	15,940	7,623	3,666	79
	Male	32,507	3,255	8,166	7,289	8,113	3,873	1,797	14
	Female	32,069	3,097	8,075	7,386	7,827	3,750	1,869	65

Source: Department of Indian Affairs and Northern Development, Indian and Inuit Affairs Program, Statistics Division

Table 2.22
Registered Indians by Location of Residence, Canada and Ontario, 1966–1977

	Canada					Ontario				
	On Reserve ¹	Off Reserve	Crown Land ²	Un-stated	Total	On Reserve ¹	Off Reserve	Crown Land ²	Un- Stated	Total
1966	157,593	43,472	22,825	274	224,164	33,121	15,907	3,396	51	52,475
1967	159,345	50,300	21,242	15	230,902	31,797	16,534	3,397	3	51,731
1968	161,695	54,220	21,562	13	237,490	32,039	16,762	4,178	2	52,981
1969	162,108	59,345	22,563	8	244,024	31,479	18,135	4,457	1	54,072
1970	163,396	64,004	23,375	6	250,781	31,369	19,148	4,824	1	55,342
1971	166,006	69,100	22,507	6	257,619	32,154	19,774	4,624	1	56,553
1972	168,527	73,309	22,844	-	264,680	33,665	19,616	4,487	-	57,768
1973	170,445	76,943	23,106	-	270,494	34,172	20,666	4,567	-	59,405
1974 ³	176,457	74,537	25,442	-	276,436	35,820	19,979	4,777	-	60,576
1975	178,835	77,226	26,701	-	282,762	36,317	20,226	5,078	-	61,621
1976	181,869	79,301	27,768	-	288,938	37,648	20,399	5,144	-	63,191
1977	188,311	81,682	25,905	-	295,898	40,477	20,778	3,321	-	64,576

- 1) On Reserve in this table refers to Registered Indian band members living on reserves administered by their own band and on reserves administered by other bands.
- 2) On Crown Land includes Registered Indian band members living on Crown Land settlements administered by their own band, some other bands and on Crown Land not administered by any band.
- 3) Due to a new band funding programme in 1974, four additional types of residence were created and some historical comparability with previous years was lost.

Source: Department of Indian Affairs and Northern Development, Indian and Inuit Affairs Program, Statistics Division.

Table 2.23
Enfranchisements¹ of Registered Indians, Canada and Ontario, 1962–63 to 1977–78

	Number Enfranchised Upon Application ²				Number Enfranchised following Marriage ³				Total Enfranchised	
	Canada		Ontario		Canada		Ontario		Canada	Ontario
	Adults	Children	Adults	Children	Women	Children	Women	Children		
1962–63	90	60	38	19	404	109	114	23	663	19
1963–64	46	38	22	18	287	102	87	24	473	15
1964–65	46	34	23	17	480	176	133	52	736	22
1965–66	38	18	17	8	435	147	141	37	638	20
1966–67	31	22	18	10	457	148	121	29	658	17
1967–68	62	28	28	6	470	56	143	13	616	19
1968–69	37	20	18	10	531	197	141	25	785	19
1969–70	41	19	20	13	547	107	164	24	714	22
1970–71	25	12	17	12	517	98	139	23	652	19
1971–72	14	4	6	3	267	19	65	4	304	7
1972–73	7	-	4	-	-	-	-	-	7	-
1973–74	7	4	4	4	449	-	129	-	460	13
1974–75	1	-	-	-	590	-	170	-	591	1
1975–76	3	3	1	1	296	- ⁴	66	-	302	0
1976–77	2	2	1	-	13	-	4	-	17	-
1977–78	10	5	2	2	-	-	-	-	15	-

- 1) On enfranchisement an Indian gives up his rights under the Indian Act.
- 2) Adult Indians enfranchised upon application together with their minor, unmarried children.
- 3) Indian women enfranchised following marriage to non-Indians together with their minor, unmarried children.
- 4) Minor unmarried children not enfranchised unless mother insists.

Source: Department of Indian Affairs and Northern Development, Indian and Inuit Affairs Program, Statistics Division.

Births, Deaths and Immigration

Highlights

- **Births and Deaths** – The total fertility rate in Ontario dropped from 3,222 in 1951 to 1,767 in 1976. The highest 1977 birth rate in Ontario occurred in the Kenora county where there were 21.7 births per 1,000 population. The highest death rate per 1,000 population in Ontario for the same year occurred in Manitoulin county with a rate of 11.5. The natural increase rate per 1,000 population for Ontario in 1977 was 7.4.

Live births in Ontario decreased 13.4 per cent from 141,610 in 1965 to 122,758 in 1977. 36.1 per cent of live births in 1977 occurred in the 25-29 age group of mothers. Infant mortality in Ontario has been generally decreasing in all categories (neonatal, post-neonatal, perinatal) from 1953 to 1976. For instance, the neonatal mortality rate per 1,000 live births has descended from 22.6 in 1950 to 15.7 in 1964 to 8.5 in 1976.

In 1976, of the total deaths in Ontario, 56.4 per cent were male and 43.6 per cent were female; of the number of single people who died, 61.8 per cent were male and 38.2 per cent were female; and of the number of married people who died 71.7 per cent were male and 28.3 per cent female. Of widowed and divorced persons who died in 1976, 32.4 per cent were male and 67.6 per cent were female.

In 1976, the major causes of death in Ontario were diseases of the circulatory system which accounted for 51.2 per cent of all deaths followed by neoplasms accounting for 21.0 per cent; accidents, poisoning and violence for 8.0 per cent, and diseases of the respiratory system for 6.7 per cent.

Immigration – Of the 114,914 immigrants who came to Canada in 1977, 56,594 or 49.2 per cent selected Ontario as their intended destination. The largest group of those immigrants (17.6 per cent or 9,981) came from the United Kingdom. Of the immigrants to Ontario in 1977, 44.2 per cent intended to make Toronto their final destination.

Of those who wished to settle in Ontario, 4,694 listed their intended occupation to be in the manufacturing or mechanical fields. This number represents 22.3 per cent of the total of 21,040 immigrants who listed intended occupations.

Definitions

Births – Infants born alive, i.e., excluding stillbirths.

Stillbirths – Fetal deaths of 28 or more weeks gestation.

Deaths – Excludes stillbirths.

Infant: deaths under 1 year of age.

Neonatal: deaths under 28 days of age.

Post-neonatal: deaths between 4 weeks and one year of age.

Perinatal: fetal deaths of 28 or more weeks gestation plus infant deaths under 7 days of age.

Natural Increase – Excess of births over deaths.

Age-specific fertility: birth rate per 1,000 women in the respective age group.

Total fertility: sum of female age-specific fertility rates.

General fertility: birth rate per 1,000 women 15-49 years.

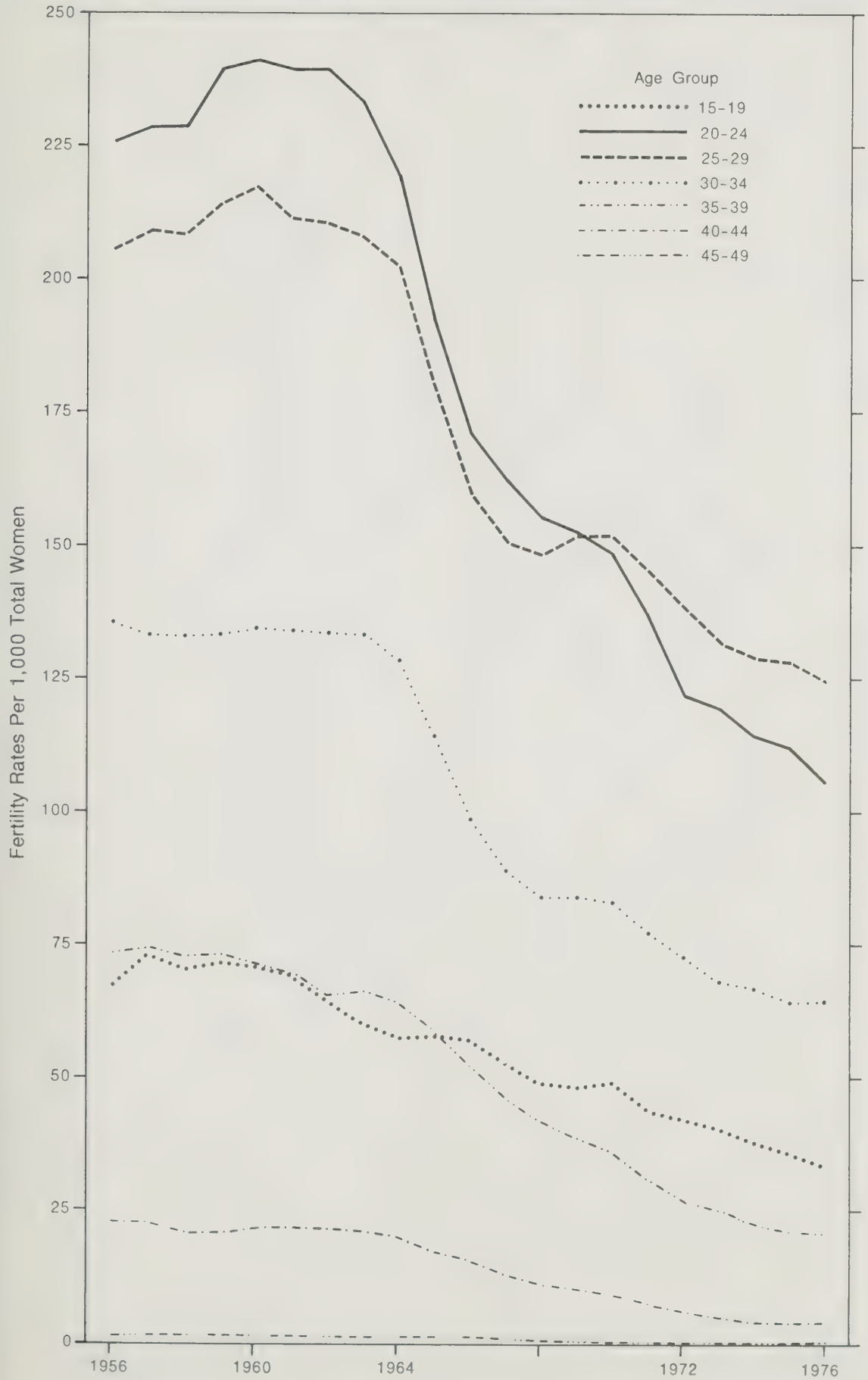
Gross reproduction: average number of live daughters that would be born to a hypothetical female birth cohort if subjected to current age-specific fertility rates and assuming that mortality before age 50 is zero.

Total Births – Live births and stillbirths.

Age-Specific Death Rates – Number of deaths per 1,000 population in the respective age group.

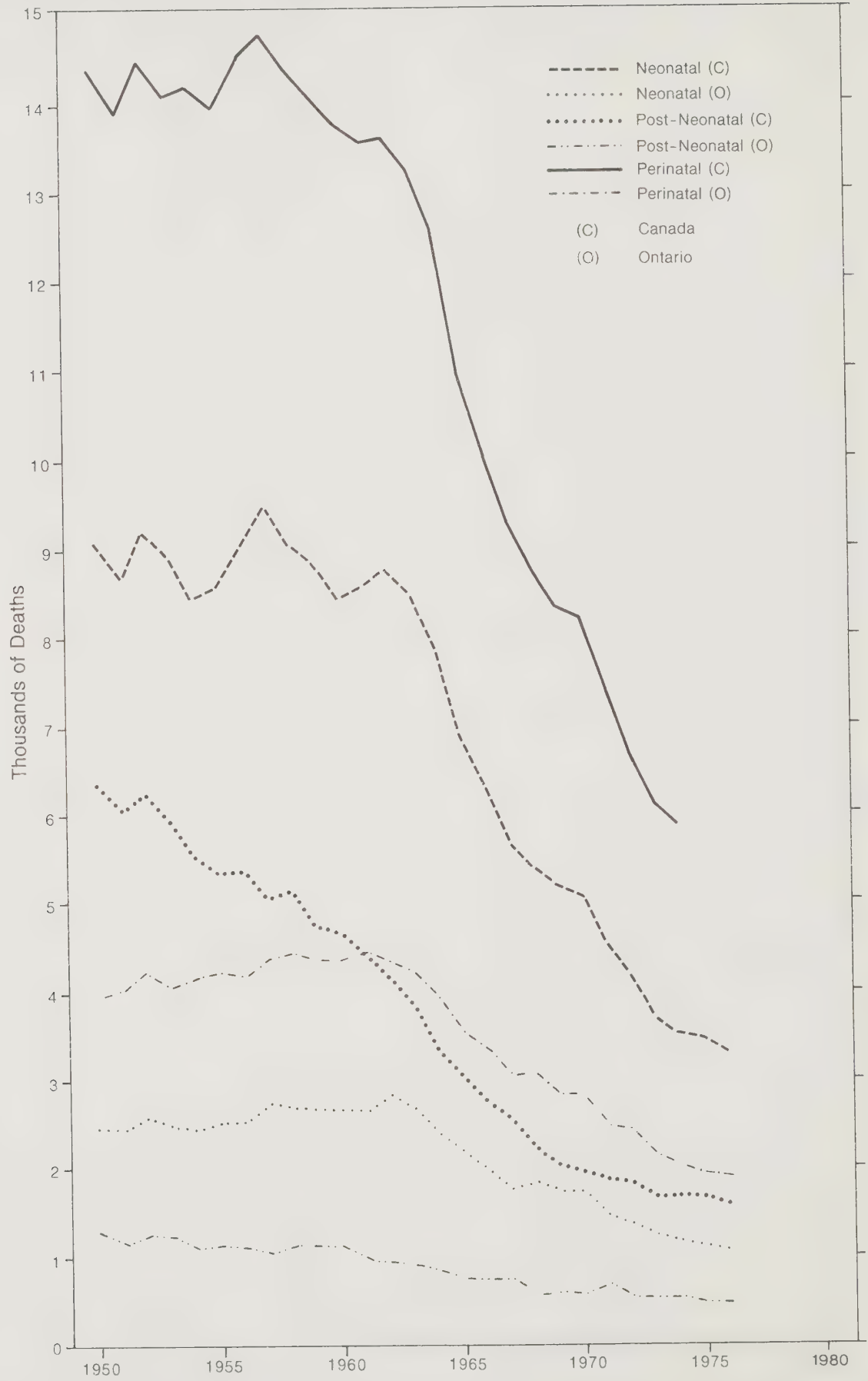
Standardized (Age-Adjusted) Death Rates – Death rates adjusted for changes in the age composition of the population.

Graph 3.A
Age-Specific Fertility Rates, Ontario, Selected Years, 1956-1976



Refer to Table 3.1

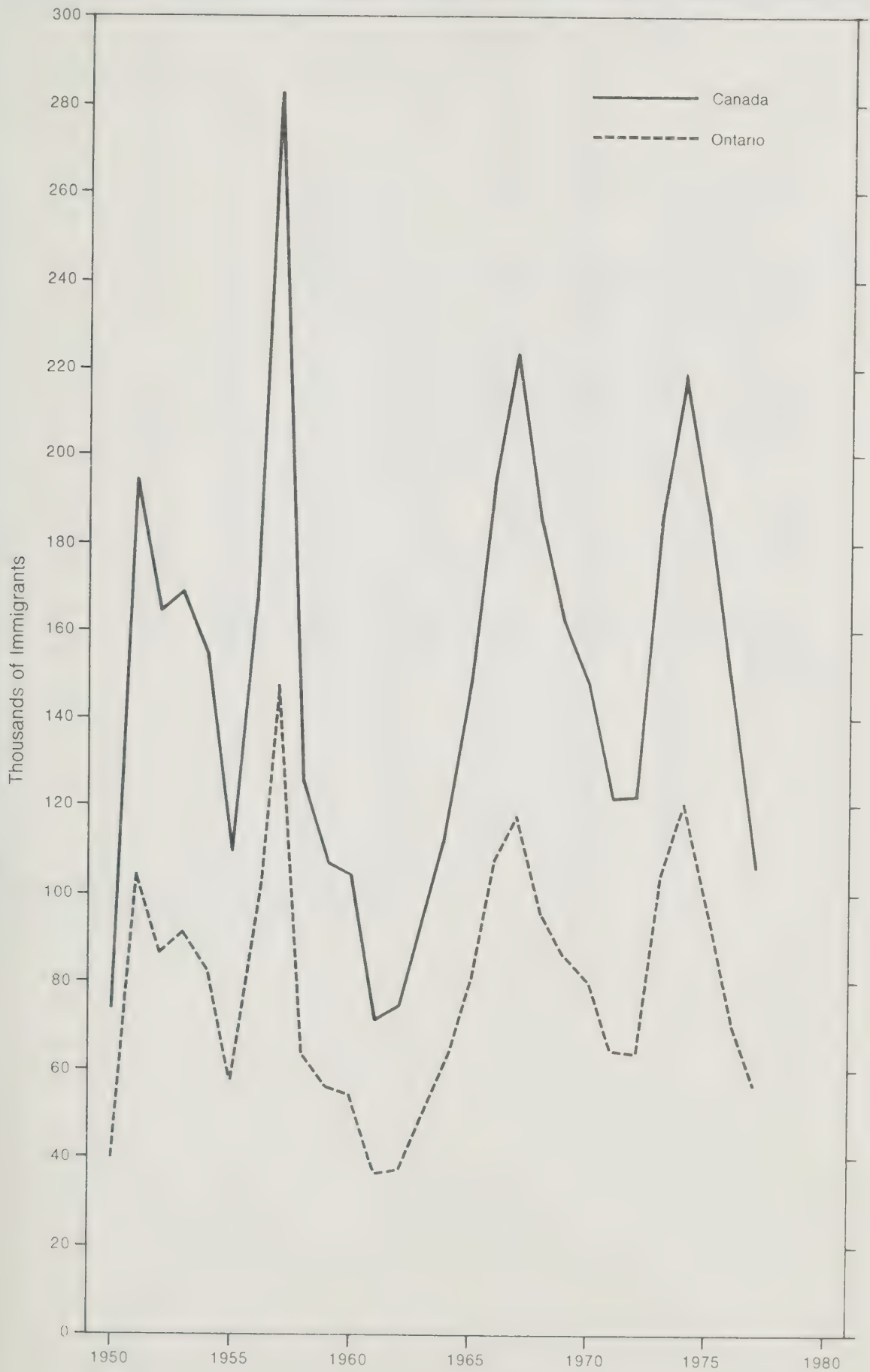
Graph 3.B
Infant Mortality, Canada and Ontario, 1950-1976



Refer to Table 3.8

Graph 3.C

Immigration by Intended Destination, Canada and Ontario, 1950-1977



Refer to Table 3 14

Table 3.1
Age-specific Fertility Rates, Ontario, Selected Years, 1951 – 1976

	Fertility rates per 1,000 total women by age groups							Total fertility rate	Gross reproduction rate	General fertility rate
	15-19	20-24	25-29	30-34	35-39	40-44	45-49			
1951	60.1	186.4	181.8	125.2	68.1	21.0	1.9	3,222	1.560	99.8
1956	66.9	225.8	205.7	135.6	73.2	22.6	1.6	3,657	1.780	110.1
1957	73.0	228.7	209.0	133.3	74.2	22.6	1.9	3,714	1.806	111.5
1958	70.6	228.8	208.3	133.0	72.8	20.9	1.7	3,680	1.785	109.8
1959	71.7	239.5	214.7	133.3	73.0	20.8	1.7	3,773	1.834	111.2
1960	70.9	241.2	217.1	134.7	71.7	21.6	1.5	3,793	1.841	110.8
1961	69.5	239.8	211.6	134.2	69.8	21.9	1.6	3,742	1.824	108.3
1962	64.5	239.9	210.5	133.9	65.6	21.9	1.4	3,689	1.796	105.6
1963	60.3	233.7	208.1	133.1	66.2	21.1	1.2	3,618	1.759	102.9
1964	57.8	219.7	202.4	128.6	64.6	20.4	1.6	3,475	1.686	98.6
1965	58.3	192.9	180.6	114.5	59.3	17.8	1.5	3,125	1.521	89.0
1966	57.4	171.3	160.2	98.8	52.8	16.2	1.3	2,790	1.361	80.3
1967	53.0	162.7	151.2	89.4	46.4	13.4	1.0	2,586	1.257	75.2
1968	49.2	155.2	148.8	84.4	41.9	11.7	1.0	2,461	1.198	72.4
1969	48.5	152.9	152.5	84.5	39.2	10.9	0.8	2,447	1.191	72.8
1970	49.4	148.5	152.2	83.3	36.4	9.8	0.6	2,401	1.168	72.8
1971	44.2	137.2	145.9	77.4	31.2	7.8	0.4	2,221	1.078	68.4
1972	42.7	122.2	138.6	72.8	27.2	6.4	0.3	2,051	0.993	64.1
1973	40.9	119.8	132.2	68.0	25.1	5.6	0.3	1,960	0.952	62.1
1974	38.3	114.6	129.4	66.9	22.5	4.8	0.3	1,884	0.915	60.6
1975	36.2	112.3	128.3	64.5	21.2	4.4	0.3	1,836	0.896	59.8
1976	33.4	105.6	124.6	64.6	20.6	4.3	0.3	1,767	0.865	57.3

Source: SC, *Vital Statistics*.

Table 3.2
Live Births by Age Groups of Mothers, Ontario, 1964-1977

Age Groups of Mothers										
	Total	Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50 and over ¹
Number of Births										
1964	152,729	86	15,283	47,438	41,909	28,093	15,116	4,513	291	-
1965	141,610	72	16,320	43,953	38,057	25,030	13,796	4,105	274	3
1966	131,942	77	16,837	41,872	34,994	21,794	12,294	3,827	246	1
1967	127,509	79	16,324	42,680	34,418	19,873	10,717	3,223	194	1
1968	126,257	99	15,859	43,504	35,327	18,871	9,598	2,795	203	1
1969	130,398	96	16,079	45,517	37,972	19,043	8,926	2,583	181	1
1970	134,724	86	16,915	47,513	40,263	19,189	8,308	2,301	149	-
1971	130,395	88	15,455	46,558	40,948	18,273	7,161	1,814	98	-
1972	125,060	97	15,303	42,858	41,245	17,735	6,259	1,482	80	1
1973	123,776	108	15,156	41,044	42,854	17,481	5,759	1,306	68	-
1974	124,229	109	14,531	40,623	44,373	18,126	5,274	1,124	69	-
1975	125,775	111	14,039	41,195	45,836	18,432	5,068	1,029	64	1
1976	122,700	107	13,217	39,721	44,809	18,784	5,004	995	61	2
1977 ¹	122,758	81	12,343	39,514	44,341	20,705	4,958	771	45	-
Percentage										
1964	100.0	0.05	10.0	31.1	27.4	18.4	9.9	3.0	0.2	-
1965	100.0	0.05	11.5	31.0	26.9	17.7	9.8	2.9	0.2	...
1966	100.0	0.05	12.8	31.8	26.5	16.5	9.3	2.9	0.2	...
1967	100.0	0.06	12.8	33.5	27.0	15.6	8.4	2.5	0.2	...
1968	100.0	0.08	12.6	34.5	28.0	14.9	7.6	2.2	0.2	...
1969	100.0	0.07	12.3	35.0	29.1	14.6	6.9	2.0	0.1	...
1970	100.0	0.06	12.6	35.3	29.9	14.2	6.2	1.7	0.1	-
1971	100.0	0.07	11.9	35.7	31.4	14.0	5.5	1.4	0.1	-
1972	100.0	0.07	12.2	34.3	33.0	14.2	5.0	1.2	0.1	...
1973	100.0	0.09	12.2	33.2	34.6	14.1	4.7	1.1	0.1	-
1974	100.0	0.08	11.7	32.7	35.7	14.6	4.3	0.9	0.1	...
1975	100.0	0.08	11.2	32.8	36.4	14.7	4.0	0.8	0.1	...
1976	100.0	0.08	10.8	32.4	36.5	15.3	4.1	0.8	--	...
1977	100.0	0.07	10.1	32.2	36.1	16.9	4.0	0.6	--	-

¹ Percentage rates not computed for less than 10 live births.

Source: Office of the Registrar General.

Table 3.3Births, Deaths and Natural Increase, by County, Ontario, 1977^a

	Births		Deaths		Natural Increase	
	Total	Rate per 1,000 Population	Total	Rate per 1,000 Population	Excess of Births Over Deaths	Natural Increase Rate per 1,000 Population
Ontario	122,758	14.7	61,402	7.3	61,356	7.4
Algoma	2,008	16.1	850	6.8	1,158	9.3
Brant	1,499	14.8	927	9.2	572	5.6
Bruce	978	16.9	519	9.0	459	7.9
Cochrane	1,726	17.9	748	7.7	978	10.2
Dufferin	516	17.8	208	7.2	308	10.6
Dundas	261	14.0	171	9.2	90	4.8
Durham	4,167	16.2	1,559	6.1	2,608	10.1
Elgin	1,003	14.5	628	9.1	375	5.4
Essex	4,768	15.3	2,648	8.5	2,120	6.8
Frontenac	1,542	13.7	789	7.0	753	6.7
Glengarry	292	14.7	225	11.3	67	3.4
Grenville	355	13.4	246	9.3	109	4.1
Grey	1,003	13.9	772	10.7	231	3.2
Haldimand- Norfolk	1,340	15.0	826	9.2	514	5.8
Haliburton	118	10.9	114	10.5	4	0.4
Halton	3,158	13.7	1,157	5.0	2,001	8.7
Hamilton - Wentworth	5,589	13.6	3,230	7.9	2,359	5.7
Hastings	1,511	14.2	859	8.1	652	6.1
Huron	882	15.7	546	9.7	336	6.0
Kenora	1,249	21.7	421	7.3	828	14.4
Kent	1,645	15.5	936	8.8	709	6.7
Lambton	2,009	16.4	856	7.0	1,153	9.4
Lanark	603	13.6	438	9.9	165	3.7
Leeds	744	14.1	530	10.1	214	4.0
Lennox - Addington	554	16.8	256	7.7	298	9.1
Manitoulin	183	16.7	126	11.5	57	5.2
Middlesex	4,415	14.1	2,240	7.1	2,175	7.0
Muskoka	513	14.0	390	10.6	123	3.4
Niagara	4,938	13.5	2,955	8.1	1,983	5.4
Nipissing	1,188	14.8	561	7.0	627	7.8
Northumberland	918	14.2	625	9.7	293	4.5
Ottawa-Carleton	6,757	12.8	3,306	6.2	3,451	6.6
Oxford	1,265	14.9	679	8.0	586	6.9
Parry Sound	435	13.2	314	9.5	121	3.7
Peel	6,968	17.4	1,481	3.7	5,487	13.7
Perth	1,002	15.0	612	9.2	390	5.8
Peterborough	1,345	13.5	924	9.3	421	4.2
Prescott	391	13.3	242	8.2	149	5.1
Prince Edward	285	12.5	211	9.3	74	3.2
Rainy River	417	17.2	220	9.1	197	8.1
Renfrew	1,258	14.3	792	9.0	466	5.3
Russell	374	17.9	132	6.3	242	11.6
Simcoe	3,184	15.0	1,774	8.3	1,410	6.7
Stormont	888	14.5	571	9.3	317	5.2
Sudbury District	498	18.5	197	7.3	301	11.2
Sudbury Reg. Munic.	2,836	17.0	954	5.7	1,882	11.3
Thunder Bay	2,385	16.0	1,252	8.4	1,133	7.6
Timiskaming	636	15.0	441	10.4	195	4.6
Toronto	29,615	13.8	15,227	7.1	14,388	6.7
Victoria	677	15.0	443	9.8	234	5.2
Waterloo	5,001	16.9	1,835	6.2	3,166	10.7
Wellington	1,916	15.0	934	7.3	982	7.7
York	2,950	14.1	1,505	7.2	1,445	6.9

Table 3.4
Births and Deaths, by Selected Municipality, Ontario, 1976 and 1977

1976	Live Births ¹			Deaths ²			Infant Deaths Total ²
	Male	Female	Total	Male	Female	Total	
Toronto	4,899	4,569	9,468	3,246	2,517	5,763	111
North York (Borough)	4,006	3,790	7,796	1,550	1,372	2,922	82
Scarborough (Borough)	2,790	2,746	5,538	1,117	1,055	2,172	62
Hamilton	2,303	2,136	4,439	1,419	1,141	2,560	54
Ottawa	1,707	1,699	3,406	1,387	1,215	2,602	40
Etobicoke (Borough)	1,763	1,638	3,401	1,025	844	1,869	41
London	1,808	1,694	3,502	945	789	1,734	38
Windsor	1,451	1,505	2,956	940	763	1,703	51
Mississauga	2,247	2,274	4,521	516	440	956	37
York (Borough)	1,164	1,232	2,396	535	417	952	30
Kitchener	1,079	1,101	2,180	455	362	817	27
St. Catharines	829	869	1,698	576	438	1,014	28
Thunder Bay	830	765	1,595	649	396	1,045	18
East York (Borough)	853	776	1,629	529	447	976	14
Oshawa	878	869	1,747	387	243	630	23
Sudbury	808	766	1,574	380	243	623	19
Burlington	694	701	1,395	295	204	499	16
Sault Ste. Marie	709	649	1,358	317	157	474	14
Niagara Falls	454	458	912	344	249	593	12
Cambridge	639	598	1,237	271	220	491	18
Brantford	487	525	1,012	341	260	601	16
Oakville	483	451	934	155	132	287	13
Guelph	495	511	1,006	253	198	451	9
Kingston	425	380	805	276	248	524	10
Peterborough	404	418	822	312	255	567	13
Sarnia	406	422	828	221	175	396	16
North Bay	438	355	793	229	153	382	8
Cornwall	353	332	685	241	183	424	9
Welland	297	284	581	200	170	370	9
Brampton	1,003	924	1,927	215	164	379	16

Table 3.4 (cont'd)

Births and Deaths, by Selected Municipality, Ontario, 1976 and 1977

1977 ^a	Live Births ¹			Deaths ²			Infant Deaths Total ²
	Male	Female	Total	Male	Female	Total	
Toronto	4,645	4,323	8,968	3,202	2,543	5,745	..
North York (Borough)	3,849	3,788	7,637	1,607	1,460	3,067	..
Scarborough (Borough)	2,918	2,796	5,714	1,163	1,138	2,301	..
Hamilton	2,204	2,129	4,333	1,432	1,188	2,620	..
Ottawa	1,781	1,576	3,357	1,281	1,153	2,434	..
Etobicoke (Borough)	1,815	1,651	3,466	1,124	949	2,073	..
London	1,804	1,711	3,515	908	776	1,684	..
Windsor	1,483	1,422	2,905	1,027	757	1,784	..
Mississauga	2,360	2,224	4,584	541	456	997	..
York (Borough)	1,163	1,073	2,236	544	489	1,033	..
Kitchener	1,204	1,148	2,352	451	385	836	..
St. Catharines	911	847	1,758	541	476	1,017	..
Thunder Bay	813	773	1,586	593	414	1,007	..
East York (Borough)	863	731	1,594	496	512	1,008	..
Oshawa	962	913	1,875	389	288	677	..
Sudbury	769	716	1,485	389	262	651	..
Burlington	736	642	1,378	278	231	509	..
Sault Ste. Marie	629	632	1,261	332	223	555	..
Niagara Falls	497	466	963	324	269	593	..
Cambridge	638	644	1,282	288	271	559	..
Brantford	555	526	1,081	338	297	635	..
Oakville	455	379	834	188	129	317	..
Guelph	513	515	1,028	244	237	481	..
Kingston	405	370	775	286	247	533	..
Peterborough	380	407	787	319	264	583	..
Sarnia	422	390	812	203	163	366	..
North Bay	381	354	735	197	144	341	..
Cornwall	357	308	665	257	185	442	..
Welland	340	301	641	207	145	352	..
Brampton	1,048	988	2,036	221	151	372	..

1) By place of residence of mothers.

2) By place of residence of deceased.

Source: Office of the Registrar General.

Table 3.5**Standardized (Age-adjusted) Death Rates¹ by Sex, Canada and Ontario, 1950–1976**

	Canada			Ontario		
	Total	Male	Female	Total	Male	Female
1950	9.1	10.1	8.1	9.0	10.2	7.8
1951	9.0	10.0	8.0	8.7	9.9	7.6
1952	8.8	9.9	7.6	8.6	9.9	7.3
1953	8.6	9.8	7.5	8.5	9.8	7.3
1954	8.2	9.3	7.0	8.1	9.3	6.9
1955	8.2	9.4	6.9	8.0	9.4	6.7
1956	8.2	9.4	7.0	8.1	9.6	6.8
1957	8.3	9.6	6.9	8.2	9.7	6.8
1958	8.0	9.3	6.6	7.9	9.4	6.5
1959	8.0	9.3	6.7	8.0	9.5	6.6
1960	7.8	9.1	6.4	7.9	9.5	6.5
1961	7.6	9.0	6.3	7.6	9.2	6.2
1962	7.6	8.9	6.2	7.6	9.2	6.2
1963	7.6	9.0	6.2	7.6	9.4	6.1
1964	7.3	8.8	5.9	7.3	8.9	5.8
1965	7.3	8.8	5.9	7.4	9.1	5.8
1966	7.2	8.8	5.7	7.2	9.0	5.6
1967	7.1	8.7	5.6	7.1	9.0	5.5
1968	7.1	8.7	5.6	7.0	8.8	5.5
1969	7.0	8.6	5.5	6.9	8.7	5.4
1970	6.9	8.5	5.4	6.8	8.7	5.3
1971	6.7	8.4	5.2	6.6	8.4	5.0
1972	6.8	8.6	5.2	6.7	8.7	5.1
1973	6.8	8.5	5.1	6.8	8.6	5.1
1974	6.8	8.4	5.0	6.7	8.4	5.0
1975	6.5	8.3	4.9	6.4	8.3	4.8
1976	6.4	8.1	4.8	6.4	8.0	4.7

¹) Standardized to Canada 1956 Census Population. Rates per 1,000 population.

Source: SC, *Vital Statistics*.

Table 3.6
Age-specific Death Rates by Sex, Ontario, 1972-1976

	1972		1973		1974		1975		1976	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total	8.6	6.5	8.5	6.6	8.4	6.5	8.3	6.4	8.4	6.3
Under 1 year ¹	17.1	13.3	15.4	12.7	14.3	12.5	14.4 ^r	11.2	13.7	10.9
1- 4 years	0.8	0.7	0.7	0.6	0.7	0.6	0.6	0.5	0.7	0.5
5- 9 years	0.4	0.3	0.5	0.3	0.4	0.3	0.4	0.3	0.3	0.3
10-14 years	0.5	0.3	0.4	0.2	0.4	0.2	0.4	0.3	0.3	0.2
15-19 years	1.5	0.5	1.5	0.5	1.4	0.5	1.4	0.4	1.2	0.4
20-24 years	1.7	0.4	1.8	0.6	1.5	0.5	1.5	0.5	1.5	0.4
25-29 years	1.3	0.6	1.2	0.6	1.2	0.5	1.2	0.5	1.2	0.5
30-34 years	1.4	0.8	1.3	0.8	1.3	0.8	1.3	0.7	1.3	0.6
35-39 years	2.0	1.3	2.2	1.3	2.1	1.1	2.0	1.1	1.9	1.1
40-44 years	3.5	2.0	3.3	1.9	3.2	1.9	3.1	1.8	3.1	1.6
45-49 years	5.4	3.0	5.7	3.1	5.7	3.2	5.3	3.1	5.3	2.9
50-54 years	9.6	4.9	9.0	4.8	9.1	4.6	9.2 ^r	4.6	9.0	4.4
55-59 years	14.7	7.7	15.0	7.8	14.7	7.2	14.5	7.1	14.0	6.8
60-64 years	23.8	11.4	23.6	11.2	23.0	11.6	22.4 ^r	10.6	21.9	10.5
65-69 years	36.5	17.4	35.7	17.0	35.8	17.2	34.6	17.7	34.6	16.0
70-74 years	56.2	29.0	54.5	27.9	55.2	28.1	53.1 ^r	28.0	53.6	26.4
75-79 years	81.9	48.2	81.9	47.8	81.4	47.0	80.2	46.3	79.5	44.3
80-84 years	127.5	79.9	128.9	82.0	127.6	81.4	127.8 ^r	77.2	123.3	77.5
85+ years	228.3	159.0	240.3	158.7	237.2	158.0	243.4	152.9	199.0	154.4

1) Per 1,000 live births.
Source: SC, Vital Statistics.

Table 3.7
Deaths by Marital Status and Sex, Canada and Ontario, 1973-1976

Marital Status	1973		1974		1975		1976	
	Canada ¹	Ontario	Canada ¹	Ontario	Canada ¹	Ontario	Canada ^{1,r}	Ontario
Total	164,039	59,876	166,794	60,556	167,404	60,604	167,009	60,645
Male	95,375	33,752	96,575	33,985	97,055	34,107	96,725	34,225
Female	68,664	26,124	70,129	26,571	70,349	26,497	70,284	26,420
Single	31,248	10,180	31,587	9,985	30,854	9,829	30,351	9,633
Male	19,960	6,264	20,276	6,086	19,724	6,026	19,523	5,953
Female	11,288	3,916	11,311	3,899	11,130	3,803	10,828	3,680
Married	79,973	29,179	81,072	29,642	80,106	29,783 ^r	80,680	29,637
Male	56,659	20,537	57,433	20,973	56,698	21,220	57,497	21,242
Female	23,314	8,642	23,639	8,669	23,408	8,563 ^r	23,183	8,395
Widowed and Divorced	52,450	20,329	53,738	20,763	52,692	20,836 ^r	53,987	21,199
Male	18,431	6,787	18,532	6,781	18,225	6,729	18,345	6,878
Female	34,019	13,542	35,206	13,982	34,467	14,107 ^r	35,642	14,321
Not Stated	368	188	397	166	3,752	156	1,991	176
Male	325	164	334	145	2,408	132	1,360	152
Female	43	24	63	21	1,344	24	631	24

1) Estimated.
Source: SC, Vital Statistics.

Table 3.8
Infant Mortality, Canada and Ontario, 1950–1976

	Neonatal		Post-neonatal		Perinatal	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
1950	9,097	2,454	6,362	1,297	14,375	3,949
1951	8,619	2,429	6,054	1,116	13,885	4,008
1952	9,164	2,562	6,244	1,227	14,468	4,240
1953	8,928	2,474	5,931	1,222	14,054	4,046
1954	8,415	2,415	5,519	1,102	14,165	4,153
1955	8,552	2,500	5,332	1,122	13,947	4,230
1956	9,065	2,509	5,334	1,101	14,507	4,199
1957	9,480	2,737	5,037	1,039	14,745	4,386
1958	9,055	2,698	5,123	1,103	14,384	4,419
1959	8,841	2,673	4,754	1,100	14,064	4,376
1960	8,410	2,644	4,667	1,101	13,778	4,328
1961	8,564	2,627	4,376	999	13,542	4,248
1962	8,783	2,682	4,158	939	13,598	4,324
1963	8,411	2,619	3,859	913	13,205	4,208
1964	7,831	2,402	3,338	853	12,539	3,962
1965	6,835	2,142	3,027	765	10,992	3,574
1966	6,253	1,956	2,707	713	10,004	3,326
1967	5,628	1,789	2,523	726	9,284	3,024
1968	5,376	1,832	2,207	564	8,727	3,091
1969	5,138	1,722	2,011	577	8,308	2,831
1970	5,017	1,711	1,984	560	8,192	2,845
1971	4,485	1,424	1,871	566	7,352	2,476
1972	4,117	1,392	1,821	516	6,672	2,405
1973	3,692	1,238	1,647	502	6,087	2,127
1974	3,506	1,163	1,686	503	5,835	2,039
1975	3,480 ¹	1,148	1,650 ¹	466	..	1,912
1976	3,290 ¹	1,040	1,557 ¹	475	..	1,883

1) Estimated.

Source: SC, *Vital Statistics*.

Table 3.9**Infant Mortality Rates¹, Canada and Ontario, 1950–1976**

	Neonatal		Post-neonatal		Perinatal	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
1950	24.4	22.6	17.1	11.9	37.9	35.7
1951	22.6	21.2	15.9	9.7	35.8	34.3
1952	22.7	20.7	15.5	9.9	35.2	33.7
1953	21.4	19.1	14.2	9.4	33.1	30.7
1954	19.3	17.7	12.6	8.1	31.9	30.0
1955	19.3	17.9	12.0	8.1	31.0	29.9
1956	20.1	17.5	11.8	7.7	31.7	28.9
1957	20.2	18.1	10.7	6.9	31.0	28.7
1958	19.3	17.7	10.9	7.2	30.2	28.6
1959	18.4	17.0	10.0	7.0	28.9	27.5
1960	17.6	16.6	9.7	6.9	28.4	26.8
1961	18.0	16.7	9.2	6.3	28.1	26.6
1962	18.7	17.2	8.9	6.0	28.6	27.4
1963	18.1	16.9	8.2	5.9	28.0	26.8
1964	17.3	15.7	7.4	5.6	27.4	25.6
1965	16.3	15.1	7.3	5.4	26.0	25.0
1966	16.1	14.8	7.0	5.4	25.5	24.9
1967	15.2	14.0	6.8	5.7	24.7	23.5
1968	14.8	14.5	6.0	4.5	23.7	24.2
1969	13.9	13.2	5.4	4.4	22.3	21.5
1970	13.5	12.7	5.3	4.2	21.8	20.9
1971	12.4	10.9	5.2	4.3	20.1	18.8
1972	11.9	11.1	5.2	4.1	19.0	19.1
1973	10.8	10.0	4.8	4.1	17.6	17.0
1974	10.1	9.4	4.9	4.0	16.7	16.2
1975	9.7 ²	9.1	4.6 ¹	3.7	..	15.1
1976	9.1 ²	8.5	4.3	3.9	..	15.2

1) Neonatal and post-neonatal, rates per 1,000 live births. Perinatal, rates per 1,000 total births (fetal deaths – still births – of 28 or more weeks gestation plus live births).

2) Estimated.

Source: SC, *Vital Statistics*.

Deaths by Cause, Canada and Ontario, 1972-1976

	1972		1973		1974		1975		1976	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
All Causes	162,413	58,905	164,039	59,876	166,794	60,556	167,176	60,604	167,009	60,645
Infective and Parasitic Disease	1,264	365	1,175	309	1,119	285	1,035	310	1,016	306
Neoplasms	32,562	11,783	33,349	12,061	34,065	12,317	34,381	12,483	35,205	12,758
Endocrine, Nutritional and Metabolic Disease	3,849	1,199	4,004	1,293	3,889	1,278	3,885	1,258	3,702	1,294
Disease of Blood and Blood-Forming Organs	456	136	487	172	482	171	490	194	504	164
Mental Disorders	705	280	790	389	837	373	1,081	470	1,089	487
Disease of the Nervous System and Sense Organs	1,831	600	1,807	615	1,809	624	1,849	596	1,810	590
Diseases of the Circulatory System	79,781	30,327	80,331	30,745	82,162	31,377	80,903	30,873	81,679	31,054
Diseases of the Respiratory System	10,787	3,814	10,761	3,899	10,911	3,834	11,478	4,072	11,801	4,052
Diseases of the Digestive System	5,871	2,198	6,096	2,290	6,176	2,233	6,271	2,223	6,245	2,273
Diseases of the Genito-Urinary System	2,101	683	2,003	653	1,962	652	1,984	689	1,925	661
Complications of Pregnancy, Childbirth, and the Puerperium	54	14	37	14	35	12	27	6	24	10
Diseases of the Skin and Subcutaneous Tissue	108	36	102	38	110	32	132	48	111	51
Diseases of the Musculoskeletal System and Connective Tissue	574	196	577	184	615	188	562	181	573	195
Congenital Anomalies	1,925	559	1,705	508	1,718	552	1,635	516	1,595	509
Certain Causes of Perinatal Mortality	2,942	1,022	2,619	901	2,451	808	2,332	801	2,185	719
Symptoms and Undefined Conditions	1,252	405	1,384	542	1,592	603	2,632	599	2,194	668
Accidents, Poisonings, and Violence (External Cause)	16,351	5,288	16,812	5,313	16,861	5,217	16,499	5,285	15,351	4,854

Source: SC, Vital Statistics.

Table 3.11
Death from Suicide and Self-inflicted Injury by Cause and Sex, Canada and Ontario, 1972-1976

Cause of Death	1972		1973		1974		1975		1976	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Solid or Liquid Substances	M	252	119	101	252	130	248	120	264	119
	F	370	183	174	364	176	352	164	397	168
Barbituric Acid and Derivatives	M	84	47	33	60	36	63	35	51	21
	F	146	86	56	106	65	91	51	114	60
Salicylates and Congeners	M	14	7	5	16	8	13	8	12	6
	F	26	13	13	33	17	32	13	20	7
Psychotherapeutic Agents	M	12	4	7	20	10	20	11	18	3
	F	30	12	12	36	11	30	12	30	9
Other and Unspecified Drugs	M	88	35	18	94	43	77	30	101	41
	F	106	40	60	106	42	142	57	162	57
Strychnine	M	2	1	1	4	2	7	2	8	3
	F	4	-	2	3	-	2	1	3	-
Lye and Potash	M	1	-	1	-	-	2	-	3	3
	F	2	-	3	-	-	1	-	1	-
Other and Unspecified ¹	M	51	25	36	58	31	66	34	71	42
	F	56	32	31	80	41	54	30	67	35
Gases in Domestic Use	M	..	..	-	2	1	1	-	3	2
	F	..	..	-	-	-	-	-	-	-
Other Gases	M	164	64	72	194	81	178	69	205	74
	F	46	25	15	57	27	52	24	44	17
Motor Vehicle Exhaust Gas	M	155	61	70	188	78	167	68	193	69
	F	45	25	15	56	27	46	23	38	14
Other Carbon Monoxide	M	6	1	-	5	3	9	-	11	5
	F	1	-	-	1	-	5	1	6	3
Other and Unspecified	M	3	2	2	1	-	2	1	1	-
	F	-	-	-	-	-	1	-	-	-

Table 3.11 (cont'd)
Death from Suicide and Self-inflicted Injury by Cause and Sex, Canada and Ontario, 1972-1976

Cause of Death		1972		1973		1974		1975		1976	
		Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Hanging, Strangulation and Suffocation	M	374	141	389	148	420	160	398	160	387	160
	F	101	42	118	43	134	43	126	51	127	51
Submersion (Drowning)	M	76	17	94	35	106	40	75	26	80	19
	F	75	27	75	23	72	36	56	22	73	27
Firearms and Explosives	M	863	266	882	258	936	290	969	332	1,006	305
	F	72	23	68	16	85	24	84	25	89	31
Cutting and Piercing Instruments	M	37	18	39	14	33	16	25	8	32	12
	F	9	3	9	3	13	5	17	5	11	4
Jumping from High Places	M	84	42	77	31	98	34	92	43	84	31
	F	55	32	42	21	44	23	64	26	61	32
Other and Unspecified Means	M	50	28	52	20	60	32	43	18	45	16
	F	28	14	27	10	30	15	27	9	24	9
Late Effect	M	-	-	..	..	2	2	1	1	2	-
	F	1	1	..	..	-	-	-	-	1	-
TOTAL - Suicide and Self-inflicted Injury	M	1,900	695	1,985	679	2,103	786	2,030	777	2,108	738
	F	757	350	788	305	799	349	778	326	827	339

1) Includes Corrosive Aromatics, Arsenic and its Compounds, and Other and Unspecified solid or liquid substances.

Source: SC, Causes of Death.

Table 3.12
Number of Suicides, by Selected City, Ontario, 1969-1976

	1969			1970			1971			1972		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Toronto	123	82	41	129	80	49	151	100	51	159	99	60
North York (Borough)	29	16	13	48	32	16	50	28	22	55	35	20
Scarborough (Borough)	18	13	5	35	18	17	36	25	11	34	18	16
Hamilton	30	19	11	41	25	16	37	29	8	45	32	13
Ottawa	32	17	15	35	17	18	37	20	17	55	32	23
Etobicoke (Borough)	23	14	9	23	13	10	38	26	12	37	18	19
London	37	22	15	25	16	9	37	25	12	34	25	9
Windsor	28	17	11	18	12	6	35	25	10	25	16	9
Mississauga	9	9	-	9	4	5	17	10	7	21	12	9
York (Borough)	17	8	9	13	9	4	17	11	6	17	11	6
Kitchener	7	4	3	11	10	1	22	16	6	15	9	6
St. Catharines	15	8	7	20	14	6	13	7	6	12	4	8
Thunder Bay ²	11	9	2	21	13	8	10	8	2	16	15	1
East York (Borough)	22	14	8	14	8	6	15	10	5	18	12	6
Oshawa	11	9	2	12	9	3	16	10	6	10	6	4
Sudbury	10	9	1	4	4	-	10	8	2	11	7	4
Burlington	3	2	1	8	4	4	6	4	2	9	6	3
Sault Ste. Marie	8	6	2	7	4	3	8	7	1	15	12	3
Niagara Falls	4	3	1	9	4	5	9	7	2	6	4	2
Brantford	11	7	4	8	6	2	7	5	2	11	9	2
Oakville	7	6	1	3	3	-	5	3	2	6	5	1
Guelph	9	6	3	8	8	-	8	8	-	7	6	2
Kingston	9	7	2	9	7	1	15	14	1	8	6	2
Peterborough	8	7	1	8	7	1	4	3	1	3	3	-
Sarnia	9	7	2	6	5	1	6	4	2	7	5	2
North Bay	9	6	3	6	4	2	6	5	1	5	4	1
Cornwall	4	2	2	5	5	-	4	4	-	4	2	2
Welland	5	3	2	5	4	1	13	9	-	2	1	1
Brampton	5	3	2	2	-	2	5	2	3	-	-	-
Galt ³	2	-	2	6	5	1	3	3	-	2	1	1

Table 3.12 (cont'd)
Number of Suicides, by Selected City, Ontario, 1969 - 1976

	1973			1974			1975 ¹			1976		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Toronto	151	99	52	149	102	47	168	111	57	123	75	48
North York (Borough)	53	29	24	72	49	23	50	27	23	60	34	26
Scarborough (Borough)	35	25	10	54	39	15	20	12	8	48	25	23
Hamilton	38	25	13	38	28	10	31	19	12	45	33	12
Ottawa	54	40	14	53	37	16	83	50	33	55	42	13
Etobicoke (Borough)	32	22	10	26	17	9	22	14	8	39	29	10
London	23	16	7	42	25	17	27	15	12	39	25	14
Windsor	29	16	13	31	23	8	36	22	14	23	9	14
Mississauga	12	9	3	22	12	10	13	8	5	16	9	7
York (Borough)	9	6	3	10	6	4	23	13	10	20	15	5
Kitchener	15	10	5	6	6	-	21	15	6	12	7	5
St. Catharines	18	14	4	15	9	6	17	11	6	22	16	6
Thunder Bay ²	17	15	2	20	16	4	27	21	6	22	18	4
East York (Borough)	13	9	4	18	12	6	..	..	..	9	8	1
Oshawa	18	15	3	11	9	2	11	6	5	12	8	4
Sudbury	6	2	4	22	19	3	22	12	10	15	11	4
Burlington	6	2	4	14	5	9	10	5	5	8	4	4
Sault Ste. Marie	9	7	2	11	9	2	7	6	1	5	4	1
Niagara Falls	6	4	2	9	4	5	12	8	4	9	6	3
Brantford	5	3	2	8	5	3	8	5	3	4	2	2
Oakville	5	4	1	7	3	4	7	5	2	10	5	5
Guelph	7	5	2	9	6	3	9	5	4	26	21	5
Kingston	9	4	5	3	1	2	9	5	4	8	7	1
Peterborough	5	5	-	12	10	2	22	16	6	4	4	-
Sarnia	6	5	1	10	1	9	13	11	2	4	10	1
North Bay	6	5	1	4	3	1	13	10	3	11	3	1
Cornwall	3	2	1	9	9	-	10	8	2	4	10	1
Welland	3	1	2	7	5	2	6	4	2	11	4	1
Brampton	3	2	1	11	6	5	9	7	2	5	5	3
Galt ³	4	3	1	4	3	1	2	2	-	7	3	4

1) 1975 count of suicide by location of attending coroner.
2) Fort William and Port Arthur were amalgamated on January 1, 1970 to form Thunder Bay. Figures for 1969 are the sum of the figures for Fort William and Port Arthur.
3) Galt became part of Cambridge in 1973. Figures for 1973 onward are for the city of Cambridge.

Source: Office of the Registrar General, *Ontario Vital Statistics*.

Table 3.13

Suicides by Sex and Age Group, Ontario, 1969-1977

Year	Total	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	N.S.
1969																			
M	598	-	2	28	55	39	42	52	61	59	58	65	43	25	34	18	7	9	1
F	260	-	-	10	18	20	16	20	31	45	22	27	26	13	8	2	1	1	-
T	858	-	2	38	73	59	58	72	92	104	80	92	69	38	42	20	8	10	1
1970																			
M	610	-	4	33	70	49	40	59	71	53	56	48	44	42	20	8	9	4	-
F	312	-	1	13	13	23	29	25	40	39	39	34	19	17	12	4	3	1	-
T	922	-	5	46	83	72	69	84	111	92	95	82	63	59	32	12	12	5	-
1971																			
M	757	-	1	53	81	65	46	60	91	82	79	71	60	26	21	11	5	4	1
F	311	-	2	10	23	17	30	24	32	44	43	31	25	15	9	3	3	-	-
T	1,068	-	3	63	104	82	76	84	123	126	122	102	85	41	30	14	8	4	1
1972																			
M	695	-	9	54	74	69	46	52	76	76	57	50	45	29	27	17	6	6	2
F	350	-	1	15	21	42	27	31	48	39	39	30	16	14	10	12	5	-	-
T	1,045	-	10	69	95	111	73	83	124	115	96	80	61	43	37	29	11	6	2
1973																			
M	679	1	4	41	77	59	40	65	63	70	61	56	49	41	24	19	5	3	1
F	305	-	1	9	17	37	24	30	26	41	26	28	27	17	12	3	5	2	-
T	984	1	5	50	94	96	64	95	89	111	87	84	76	58	36	22	10	5	1
1974																			
M	786	-	4	65	104	77	54	69	84	69	70	53	40	31	34	18	10	3	1
F	349	-	2	11	23	33	29	37	36	43	46	28	25	20	9	3	2	2	-
T	1,135	-	6	76	127	110	83	106	120	112	116	81	65	51	43	21	12	5	1
1975																			
M	777	1	7	68	105	87	47	59	70	64	72	59	47	35	25	15	14	2	-
F	326	1	-	17	25	40	20	30	33	36	43	23	22	26	3	5	1	1	-
T	1,103	2	7	85	130	127	67	89	103	100	115	82	69	61	28	20	15	3	-
1976																			
M	738	-	4	58	87	98	61	60	67	68	78	48	34	26	22	14	7	4	2
F	339	-	3	14	30	30	25	34	34	39	30	33	26	15	14	8	4	-	-
T	1,077	-	7	72	117	128	86	94	101	107	108	81	60	41	36	22	11	4	2
1977 ^p																			
M	863	1	5	66	139	105	70	69	62	79	72	53	39	42	27	19	7	7	1
F	350	-	4	23	21	31	22	25	29	47	38	30	27	26	12	8	4	2	1
T	1,213	1	9	89	160	136	92	94	91	126	110	83	66	68	39	27	11	9	2

Source: Office of the Registrar General.

Table 3. 14

Immigration by Intended Destination, Canada and Provinces, 1950-1977

	Canada	Ontario	New- found- land	Prince Edward Island	Nova Scotia	New Brunsw- wick	Québec	Mani- toba	Saskat- chewan	Alberta	British Colum- bia	Yukon N.W.T.
1950	73,912	39,041	204	164	1,167	663	13,575	3,654	2,896	6,425	6,091	32
1951	194,391	104,842	259	211	2,035	1,423	46,033	8,749	4,178	12,238	14,394	29
1952	164,498	86,059	503	306	2,702	1,020	35,318	6,635	3,875	13,050	14,967	63
1953	168,868	90,120	502	261	2,206	1,080	34,294	8,191	3,790	15,227	13,118	79
1954	154,227	83,029	524	107	2,207	1,011	28,419	9,219	4,125	13,294	12,197	95
1955	109,946	57,563	444	123	1,841	659	22,117	5,062	2,654	7,843	11,570	70
1956	164,857	92,849	436	115	1,679	873	32,153	5,936	2,255	10,199	18,241	121
1957	282,164	147,097	495	134	2,789	1,674	55,073	11,614	4,427	21,131	37,528	202
1958	124,851	63,853	373	78	1,786	1,031	28,443	4,732	2,595	8,429	13,400	131
1959	106,928	55,976	345	91	1,087	640	24,816	3,610	1,815	7,423	11,000	125
1960	104,111	54,491	306	83	1,210	634	23,774	4,337	2,087	6,949	10,120	120
1961	71,689	36,518	365	69	901	770	16,920	2,527	1,333	4,823	7,326	137
1962	74,586	37,210	378	77	989	944	19,132	2,410	1,163	4,745	7,441	97
1963	93,151	49,216	349	78	1,198	769	23,264	2,792	1,438	4,731	9,254	62
1964	112,606	61,468	445	79	1,189	696	25,973	3,006	1,795	5,521	12,324	110
1965	146,758	79,702	604	137	1,612	1,074	30,346	3,948	2,649	8,049	18,502	135
1966	194,743	107,621	805	141	2,084	1,283	39,198	5,132	3,440	10,078	24,746	215
1967	222,876	116,850	984	147	2,406	1,322	45,717	9,313	3,754	15,004	27,215	164
1968	183,974	96,155	1,006	176	1,957	1,025	35,481	8,723	3,557	13,203	22,496	195
1969	161,531	86,588	832	182	2,167	1,239	28,230	6,380	2,492	11,274	21,953	194
1970	147,713	80,732	630	185	2,007	1,070	23,261	5,826	1,709	10,405	21,683	205
1971	121,900	64,357	819	172	1,812	1,038	19,222	5,301	1,426	8,653	18,917	183
1972	122,006	63,805	686	175	1,872	1,301	18,592	5,262	1,511	8,390	20,107	305
1973 ¹	184,200	103,187	984	273	2,548	1,729	26,871	6,621	1,866	11,904	27,949	268
1974 ¹	218,465	120,115	1,036	311	2,601	2,207	33,458	7,423	2,244	14,289	34,481	300
1975	187,881	98,471	1,106	235	2,124	2,093	28,042	7,134	2,837	16,277	29,272	290
1976	149,429	72,031	725	235	1,942	1,752	29,282	5,509	2,323	14,896	20,484	250
1977	114,914	56,594	583	192	1,587	1,158	19,248	5,058	2,231	12,694	15,395	174

¹ Figures for these years are slightly inflated by individuals who have previously entered Canada without Landed Immigrant Status but who applied between August and October 1973 for Landed Immigrant Status under the "Adjustment of Status Program" administered by the Department of Manpower and Immigration. Ontario (Canada) total immigrants, all ages, under this program as of December 28, 1973 and December 27, 1974 numbered 6,716 (15,505) and 4,727 (10,686) respectively. Of these figures some represent dependents not in the country of those making application. It is felt that a significantly large percentage of the 1974 figures represent dependents.

Source: Employment and Immigration Canada, Immigration and Demographic Policy Group.

Table 3. 15
Immigrants by Country of Last Permanent Residence, Canada and Ontario, 1972-1977

	1972		1973		1974		1975		1976		1977	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
TOTAL	122,006	63,805	184,200	103,187	218,465	120,115	187,881	98,471	149,429	72,031	114,914	56,594
Argentina	381	211	1,304	860	1,593	992	1,567	726	1,463	571	1,499	460
Australia	1,694	850	2,096	940	2,022	881	1,654	639	1,387	544	1,063	393
Belgium	447	153	589	229	613	192	656	219	532	136	436	81
Egypt	606	210	905	320	928	387	892	444	728	255	598	194
France	2,742	721	3,586	941	4,232	928	3,891	617	3,251	414	2,757	385
Germany, Fed. Rep. of	2,025	1,134	2,564	1,411	3,619	1,820	3,469	1,710	2,672	1,125	2,254	955
Greece	4,016	2,253	5,833	3,314	5,632	2,984	4,062	2,312	2,487	1,350	1,960	1,016
Hong Kong	6,297	2,494	14,662	6,395	12,704	5,582	11,132	4,698	10,725	4,676	6,371	2,881
India	5,049	2,134	9,203	4,662	12,868	6,371	10,144	4,980	6,733	3,048	5,555	2,406
Ireland, Republic of	936	608	1,129	709	1,292	760	1,098	603	639	305	571	275
Israel	620	253	984	465	1,090	560	1,527	772	1,201	529	957	448
Italy	4,680	3,090	5,468	3,824	5,226	3,567	5,078	3,396	4,530	2,457	3,411	1,947
Japan	718	250	1,105	401	859	382	635	216	498	177	412	134
Lebanon	996	479	1,325	629	1,762	909	1,506	679	7,161	2,924	3,847	1,437
Mexico	624	279	662	342	676	327	845	440	757	341	794	423
Netherlands	1,471	708	1,898	942	2,103	995	1,448	638	1,359	579	1,247	580
New Zealand	449	159	461	135	540	189	509	154	487	132	475	114
Pakistan	1,190	761	2,285	1,511	2,315	1,592	2,165	1,500	2,173	1,435	1,575	1,018
Philippines	3,946	1,932	6,757	3,461	9,564	4,866	7,364	3,871	5,939	2,871	6,232	2,957
Poland	1,321	788	1,261	773	945	517	809	479	903	528	902	514
Portugal	8,737	5,895	13,483	9,892	16,333	12,864	8,547	6,361	5,344	3,611	3,579	2,344
South Africa, Republic of	440	274	766	482	1,154	736	1,567	924	1,611	932	2,458	1,385
Spain	523	229	688	335	727	337	697	254	633	210	356	122
Sweden	489	194	654	224	593	248	408	163	269	95	260	105
Switzerland	778	310	953	405	1,336	554	1,272	434	1,192	336	944	301
Taiwan	859	431	1,372	743	1,382	783	1,131	592	1,178	618	899	469
Turkey	506	248	420	194	431	265	320	208	246	123	311	143
Turkey	315	157	427	258	602	329	278	100	315	130	299	96
U.S.S.R.	18,197	11,182	26,973	16,291	38,456	21,938	34,978	18,265	21,548	11,264	17,997	9,981
United Kingdom	22,618	9,063	25,242	9,945	26,541	9,749	20,155	7,723	17,315	6,292	12,888	5,063
United States	2,047	1,568	2,873	2,180	3,200	2,475	2,932	2,164	1,741	1,253	1,408	1,038
Yugoslavia	8,233	5,428	19,281	13,970	23,885	15,676	17,973	11,993	14,842	9,196	11,911	7,809
West Indies ¹	18,056	9,359	26,991	16,004	33,242	19,360	37,172	20,197	27,570	13,574	18,688	9,120
Other Countries												

¹ Figures for 1973 to 1977 are for Caribbean countries.

Source: Employment and Immigration Canada, Immigration and Demographic Policy Group.

Table 3. 16
Immigrants by Country of Last Permanent Residence and by Area of Destination, Ontario, 1978^p

Area of Destination	Germany		Greece	Guyana	Hong Kong	India	Italy	Jamaica	Pakis- tan	Philip- pines	Portu- gal	Tan- zania	Trin. & Tob.	United Kingdom	United States	All Other	Total
	Fed. Rep. of																
Ontario	505	609	1,803	1,863	1,927	1,505	2,866	640	1,921	1,016	185	755	4,527	3,219	12,642	35,983	
Brantford	1	2	1	4	27	12	7	4	4	5	-	1	32	24	33	157	
Cambridge	5	2	9	1	25	6	6	15	4	7	4	-	59	16	104	263	
Guelph	-	7	2	10	22	11	1	3	21	-	-	1	36	28	91	233	
Hamilton	32	23	62	31	88	87	51	25	35	40	5	14	182	91	466	1,232	
Kingston	3	6	3	8	7	6	5	2	30	13	-	1	33	37	70	224	
Kitchener	40	15	70	22	26	13	34	2	5	20	3	6	91	49	241	637	
London	17	13	8	45	16	14	24	4	14	41	-	9	212	75	345	837	
Niagara Falls	2	3	-	3	-	14	-	4	6	-	-	4	35	66	43	180	
Oshawa	2	3	24	15	25	9	43	1	4	19	-	17	60	41	127	390	
Ottawa	36	18	55	114	98	49	76	33	34	31	7	22	177	157	834	1,741	
Peterborough	2	-	-	3	-	2	1	-	1	1	-	-	8	13	43	74	
St. Catharines	3	5	-	9	5	19	10	5	9	2	-	5	73	42	113	300	
Sarnia	8	2	3	13	6	9	2	2	12	7	-	1	76	56	97	294	
Sault Ste. Marie	4	-	1	-	2	11	-	-	-	6	-	1	25	27	39	116	
Sudbury	-	3	4	7	6	14	5	4	3	-	-	2	14	14	61	137	
Thunder Bay	9	1	4	15	7	22	-	2	14	5	-	-	27	46	109	261	
Toronto	207	450	1,475	1,402	1,269	1,025	2,397	490	1,449	602	158	610	2,252	1,333	7,977	23,096	
Windsor	7	22	2	64	31	72	11	5	85	4	1	10	159	191	316	980	
Other	127	34	80	97	267	110	193	39	191	213	7	51	976	913	1,533	4,831	

Source: Central Statistical Services, Ministry of Treasury and Economics.

Table 3.17
Immigrants by Intended Occupation, Ontario, 1969-1977

Intended Occupation	1969	1970	1971	1972	1973	1974	1975	1976	1977
All Occupations	45,808	42,573	32,656	31,004	53,126	58,147	41,688	28,568	23,039
Professional and Technical	13,321	10,741	7,564	7,119	9,276	9,620	8,816	5,763	4,436
Professional Engineers	1,488	1,147	861	981	1,104	1,108	992	663	481
Physical Scientists	495	375	273	267	389	333	232	118	97
Biologists	285	210	191	177	257 ¹	238	215	135	104
Teachers	3,614	2,574	1,528	1,197	1,258	1,161	951	810	573
Health Professionals	3,393	2,418	1,502	1,444	1,675	1,675	1,448	854	684
Physicians and Surgeons	570	459	382	405	467	456	326	130	84
Nurses-graduate	1,917	1,125	457	402	532	519	540	316	228
Therapists	76	61	59	66	104	95	108	66	63
Medical and Dental Technicians	555	493	407	361	443	463	344	230	218
Others	275	280	197	210	129	142	130	112	91
Law Professionals	26	33	18	19	22	37	24	16	18
Religious Professionals	143	151	144	144	190	184	164	168	196
Other Professionals	3,377	3,833	3,047	1,945	4,381	4,884	4,790	2,999	2,283
Draughtsmen	573	617	425	392	614	841	1,042	493	254
Accountants	268	214	186	249	348	401	393	288	275
Social Workers	228	198	182	173	190	197	161	133	85
Science Technicians	1,104	1,180	871	787	1,267	1,508	1,527	794	603
Others, n.e.s.	1,204	1,624	1,383	344	1,962	1,937	1,667	1,291	1,066
Managerial-Administration	1,136	1,416	1,538	1,980	2,794	2,906	2,223	2,136	1,886
Clerical	7,119	7,209	5,897	4,936	8,179	9,045	6,599	4,784	3,818
Finance	305	256	208	200	325	322	312	214	182
Sales	1,554	1,531	1,229	1,167	1,878	1,882	1,583	1,065	919
Service & Recreational Workers	4,764	4,099	3,233	3,425	6,888	7,026	4,346	3,078	2,584
Agriculture, Fishing, Logging	1,119	1,034	966	1,116	1,801	1,269	769	569	546
Mining	240	121	83	51	72	66	72	31	23

Intended Occupation	1969	1970	1971	1972	1973	1974	1975	1976	1977
Manufacturing and									
Mechanical	10,197	9,612	7,025	6,105	12,952	14,925	9,869	5,908	4,694
Food and Tobacco	402	365	288	238	348 ¹	366	222	135	118
Textile Workers	136	128	91	99	222	276	215	126	80
Tailors and Furriers	1,992	1,907	1,710	1,388	2,989	2,335	1,556	1,021	716
Woodworkers	636	526	270	220	509	479	301	206	160
Paper and Chemical									
Workers	52	40	24	17	33	48	39	73	65
Printers and									
Bookbinders	213	217	146	146	243	220	190	139	110
Rubber Workers	13	7	10	9	31	26	33	19	9
Leather Workers	94	84	80	58	162	142	80	72	23
Stone, Clay and Glass	60	60	40	39	68	74	53	24	26
Moulders, Furnacemen	108	77	75	86	154	240	129	68	35
Jewellers, Watchmakers	92	80	81	84	186	162	124	120	76
Machinists, Toolmakers,									
etc.	2,837	2,768	1,762	1,533	4,010 ²	5,445	3,071	1,688	1,387
Mechanics and									
Repairmen	2,434	2,361	1,688	1,438	2,418	2,677	2,355	1,382	1,201
Electrical and Electronic	496	399	339	265	469	579	514	304	232
Other Manufacturing									
and Mechanical	632	593	421	485	1,110	1,856	987	531	456
Construction	3,582	3,706	2,507	2,304	3,492	3,310	2,019	1,240	1,041
Carpenters	810	934	590	561	1,033	885	439	265	207
Plumbers	343	299	212	157	291	288	197	141	123
Electricians	715	736	486	390	541	589	458	278	273
Painters and Glaziers	267	344	218	220	440	435	256	179	124
Bricklayers,									
Stonemasons	831	805	445	342	798	647	383	224	189
Sheet Metal Workers	113	107	72	72	93	93	85	37	35
Other Construction	503	481	484	562	296	373	201	116	90
Transportation	356	338	310	327	606	666	513	337	226
Communications	138	130	81	81	143	169	118	81	60
Unskilled Labourers	1,179	956	742	717	1,851	2,897	1,638	909	625
Occupation not stated	711	1,424	1,273	1,476	2,869	4,044	2,811	2,453	1,999
Total Dependents	40,780	38,159	31,701	32,801	50,061	61,968	56,783	43,463	33,555
Total Immigrants	86,588	80,732	64,357	63,805	103,187	120,115	98,471	72,031	56,594

1) Figure applies only to food workers.

2) Figure applies only to machinists.

Source: Employment and Immigration Canada, Immigration and Naturalization Statistics, 1978.

Family and Social Services

Highlights

- **Families** — The estimated number of families in Ontario on June 1, 1978 was 2.2 million, an increase of 293,000 or 15.6 per cent since the 1971 census, and of 512,000 or 30.9 per cent since the 1966 census. The average number of persons per family in Ontario in 1976 was 3.4, a slight decrease from the 1971 census which showed an average of 3.6 persons per family.

The combined number of families with no children or only one child decreased to 54.7 per cent of all families in 1976 in Ontario, compared with 58.1 per cent in 1971.
- **Marriage and Divorce** — Between 1976 and 1977 the total number of marriages in Canada decreased 3.1 per cent from 193,343 to 187,344. Ontario also witnessed a decrease in the number of marriages, from 69,364 to 67,730. During the same period, the number of divorces in Canada rose by 2.1 per cent, from 54,207 to 55,370 for Ontario, there was an increase of 6.2 per cent from 18,589 to 19,735.

The marriage rate per 1,000 population in 1977 was 8.0 for Canada and 8.1 for Ontario; in the same year the divorce rate per 100,000 population was 237.7 for Canada and 235.7 for Ontario.
- **Social Services Expenditures** — Social services expenditures by federal, provincial, municipal governments and other agencies amounted to \$999.2 million in Ontario in 1977. The Ontario government's share was \$465.1 million. \$203.5 million of this was allocated to family benefits – allowances, \$48.4 million to homes for the aged, and \$37.9 million to child welfare – Children's Aid Societies, the rest going to a variety of other social services. From 1973-74 to 1977-78, total expenditure on social services in Ontario rose from \$475.5 million to \$999.2 million, an increase of 110.2 per cent.
- **Day Care** — The number of nurseries in Ontario increased by 6.7 per cent between 1977 and 1978, from 1,342 to 1,432, while capacity increased 7.5 per cent, from 49,904 to 53,637. The number of children subsidized is not available since 1974 but the previous increase from 1973 to 1974 was 35.1 per cent. Of the total number of children subsidized in 1974, 78.5 per cent attended all-day nurseries. Of all the capacity in nurseries in Ontario in 1974, 49.6 per cent was for all-day purposes with 42.9 per cent of all nurseries in the province being all-day nurseries. In Metropolitan Toronto the number of licensed day nurseries rose from 339 to 352 from 1977 to 1978.

Definitions

Family — A group of two or more persons living in the same dwelling and related to one another either as husband and wife (with or without unmarried children) or as parent and children. Any other persons in the dwelling who might be related to the family head are not, however, counted as members of the family. Sometimes such persons would constitute a second family in the dwelling. For example, where a married son and his family are living in the same dwelling as his parents there would be two families in the same dwelling.

Children in Families — Unmarried sons and daughters 24 years and under living with their parents were classified as children in the family. Unmarried sons and daughters 25 years and over living with their parents were counted as family members but not as children. Stepchildren and adopted children under 25 years were included in the number of children in families. Guardianship children or wards under 21 years were similarly treated.

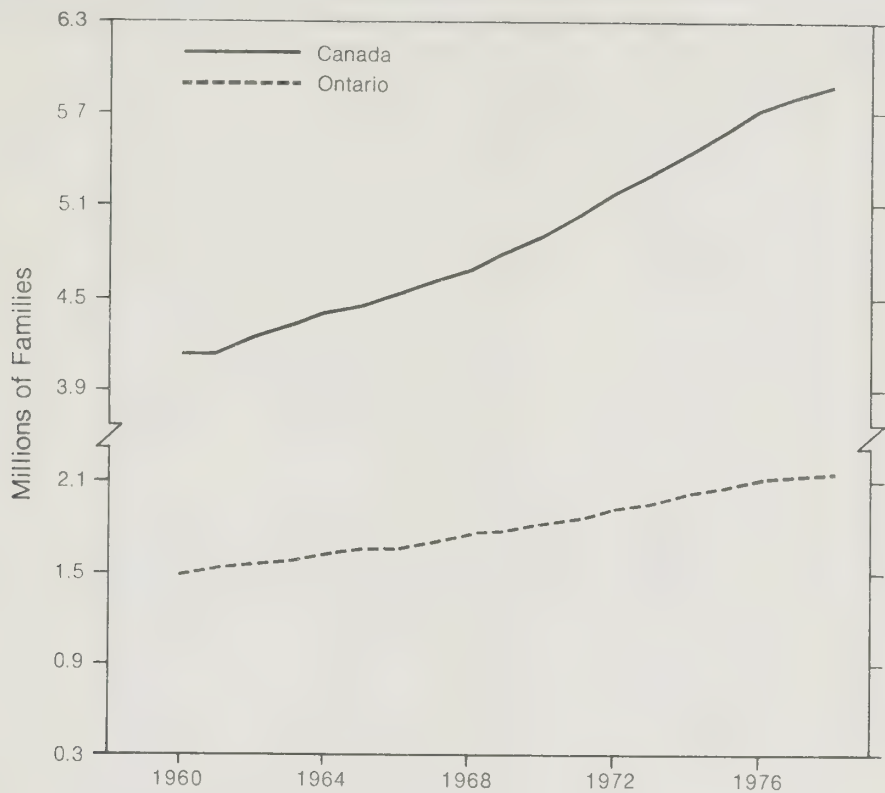
Coverage of Data on Family Estimates — The May 1973 Labour Force Survey which supplied the sample data on families covered about 30,000 households in approximately 450 areas across Canada. Excluded were households in the Yukon and Northwest Territories, households of Indians on reserves and households in institutions and military camps. Accordingly, the family estimates exclude families in such households except that allowance was made for families on Indian Reserves.

Reliability of Estimates — The figures in this report for 1966 and 1971 are census figures. The estimates for 1973 are obtained by weighting the sample survey figures on the basis of the 1971 Census population statistics

adjusted for births, deaths and migration between 1971 and 1973. The changes shown during the year are affected by sampling errors as well as by enumeration and response differences. Accordingly, small changes in the figures from year to year may not be significant as they reflect sampling error and enumeration differences as well as real changes that may have occurred.

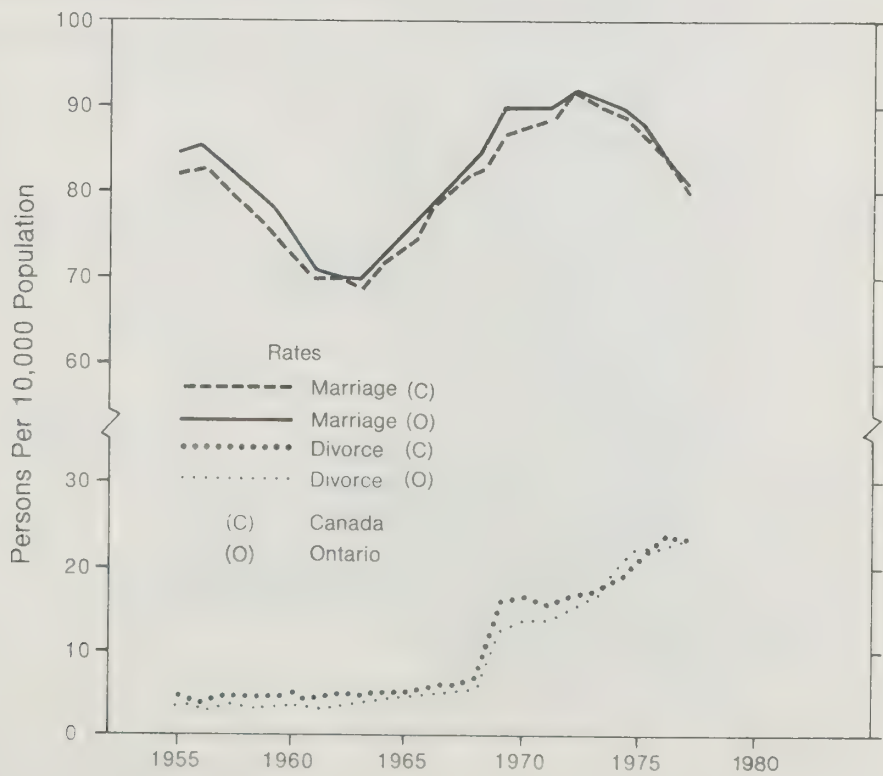
Family, Census — Consists of a husband and wife (with or without children who have never been married, regardless of age) or a parent with one or more children never married, living in the same dwelling. A family may also consist of a man or woman living with a guardianship child or ward under 21 years for whom no pay was received.

Graph 4.A
Number of Families, Canada and Ontario, 1960-1978



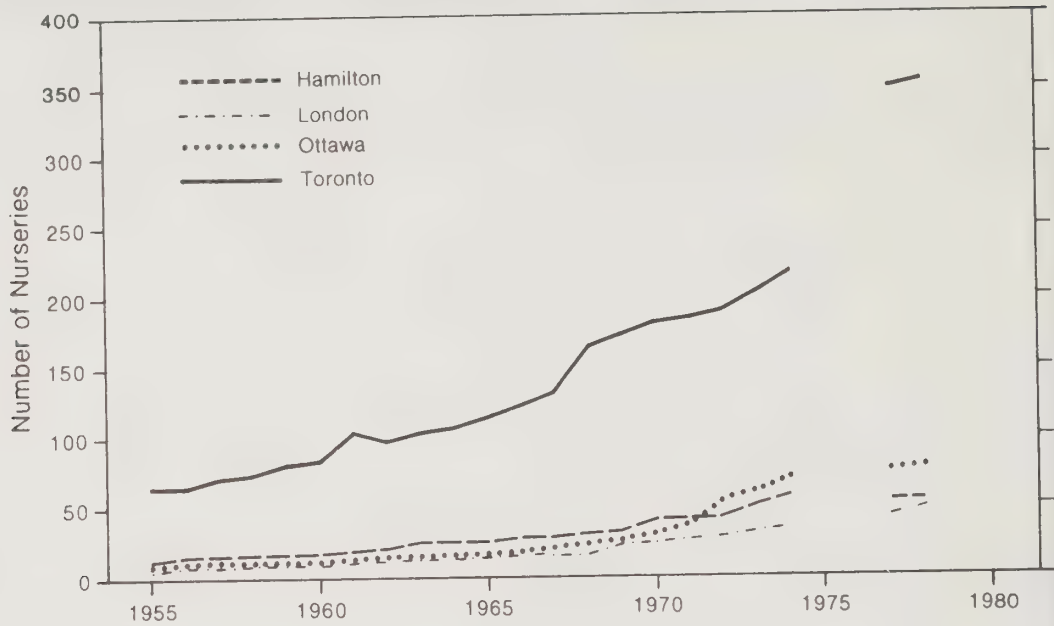
Refer to Table 4.1

Graph 4.B
Marriage Rates and Divorce Rates, Canada and Ontario, 1955-1977



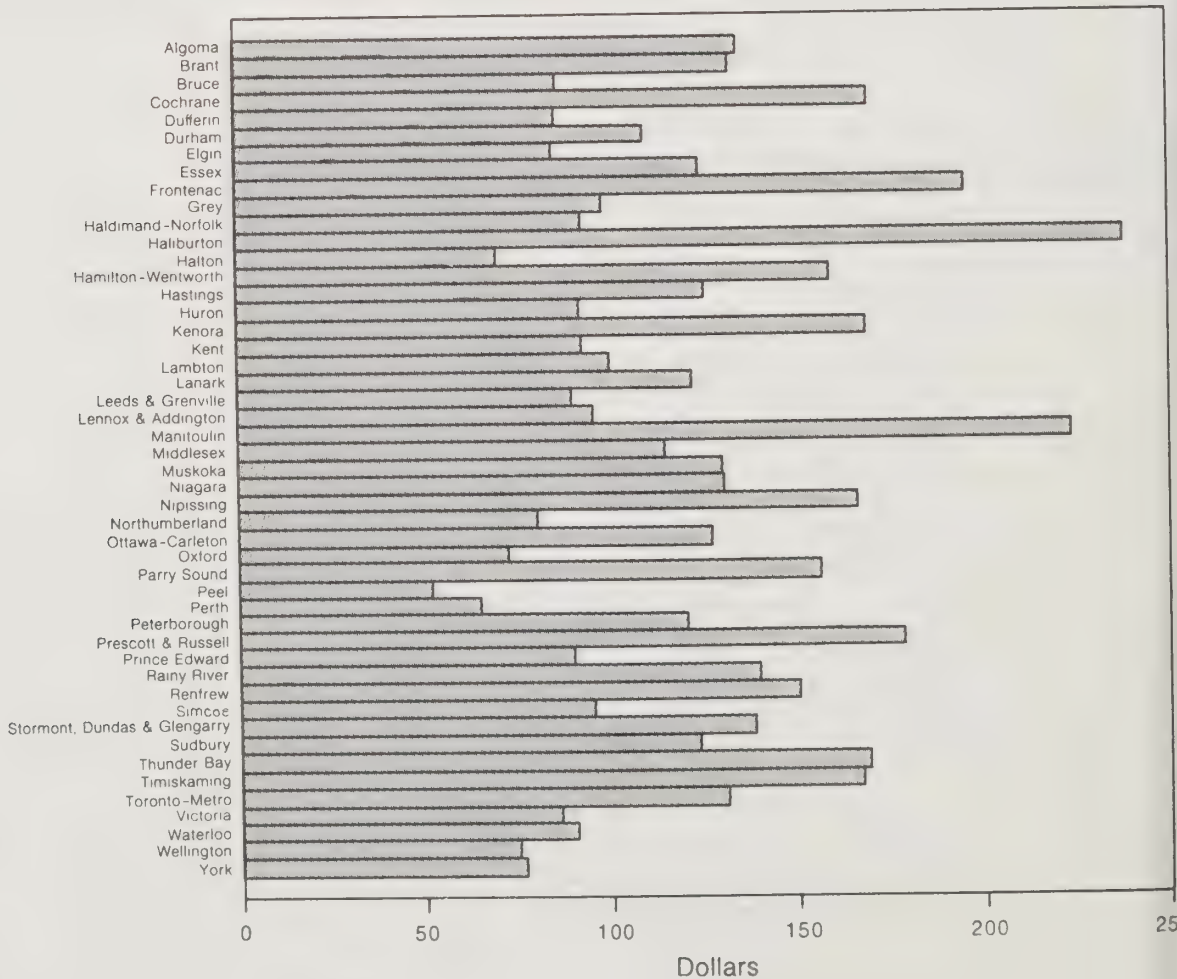
Refer to Table 4.7

Graph 4.C
Number of Licenced Day Nurseries by Selected Urban Area, Ontario, 1955-1978



Refer to Table 4.8
1) 1975 and 1976 not available

Graph 4.D
Social Services Expenditures per Capita by County, Ontario, 1977-78



Refer to Table 4.15.

Table 4.1
Number¹ of Families, by Region, Canada², 1960–1978

	Canada	Ontario	Atlantic Provinces	Québec	Prairie Provinces	British Columbia
	'000's					
1960	4,138	1,493	421	1,078	734	412
1961	4,140	1,511	398	1,104	733	394
1962	4,239	1,554	406	1,135	740	404
1963	4,314	1,580	410	1,157	750	417
1964	4,400	1,618	417	1,182	762	421
1965	4,454	1,645	409	1,204	755	441
1966	4,518	1,658	415	1,229	771	445
1967	4,608	1,703	417	1,248	777	463
1968	4,696	1,745	421	1,262	789	479
1969	4,807	1,793	427	1,284	805	498
1970	4,908	1,813	445	1,314	806	530
1971 ¹	5,043	1,877	452	1,354	830	531
1972 ¹	5,168	1,922	463	1,389	843	551
1973 ¹	5,299	1,966	477	1,427	858	573
1974 ¹	5,443	2,019	489	1,467	875	597
1975 ¹	5,587	2,065	502	1,506	899	616
1976	5,715	2,105	515	1,540	926	628
1977	5,810	2,138	524	1,560	954	636
1978	5,893	2,170	532	1,569	977	645

1) Number of Families are estimates.

2) Not including Yukon and Northwest Territories.

Source: SC, *Estimates of Families in Canada*.

Table 4.2
Census Families by Size and by Number of Children Living at Home, Ontario, Census Years, 1956–1976

	1956	1961	1966	1971	1976
Total Families	1,342,572	1,511,478	1,657,933	1,881,835	2,104,540
Size of Census Family					
2 Persons	452,721	477,049	512,434	620,170	756,330
3 Persons	313,754	326,671	336,385	395,295	449,715
4 Persons	285,629	327,203	355,712	405,980	484,795
5 Persons ¹	155,124	196,663	227,294	244,030	413,700
6+ Persons	135,344	183,892	226,108	216,355	..
Persons in Families	4,702,271	5,496,900	6,156,692	6,738,065	7,124,630
Average number of Persons per Family	3.5	3.6	3.7	3.6	3.4
Number of Children Living at Home					
0 Children	459,160	475,531	504,438	695,425	650,990
1 Child	307,693	322,149	333,970	397,620	499,430
2 Children	234,561	329,682	360,303	415,710	515,535
3 Children	108,430	198,722	229,995	250,270	266,195
4 Children	42,877	98,997	120,888	124,510	111,290
5+ Children	25,529	86,397	108,339	98,305	61,100
Children in Families	2,009,876	2,487,403	2,870,759	3,046,160	3,118,005
Average number of Children per Family	1.5	1.6	1.7	1.6	1.5

For 1976, read 5+ Persons.

Source: SC, *Families, Families by Size and Type*.
Families, Children in Families.

Table 4.3

Number of Census Families, by County, Canada and Ontario, Census Years, 1956-1976

	1956	1961	1966	1971	1976
Canada	3,711,500	4,147,444	4,526,266	5,070,680	5,727,895
Ontario	1,342,572	1,511,478	1,657,933	1,881,835	2,104,540
Algoma	17,961	25,108	25,297	27,960	30,210
Brant	19,747	20,754	22,120	23,825	25,795
Bruce	10,105	10,126	10,069	11,455	14,535
Cochrane	18,745	20,495	20,116	21,490	23,065
Dufferin	3,883	3,884	4,122	5,185	7,330
Dundas	4,119	4,092	4,127	4,320	4,765
Durham	8,880	9,613	10,455	11,570	64,125
Elgin	14,462	14,921	14,814	16,250	17,615
Essex	62,314	63,244	67,097	74,400	78,975
Frontenac	17,597	19,578	21,662	24,070	26,700
Glengarry	3,977	4,044	3,863	4,165	4,660
Grenville	5,098	5,509	5,638	6,050	6,750
Grey	15,415	15,422	15,318	16,650	18,805
Haldimand	6,430	6,775	7,070	7,930	23,130
Haliburton	1,974	2,201	2,017	2,410	3,005
Halton	17,553	26,314	33,718	47,505	59,820
Hastings	20,244	22,018	21,999	24,205	27,280
Huron	12,275	12,630	12,542	12,815	14,175
Kenora	10,273	11,226	11,648	12,105	13,480
Kent	21,279	21,842	22,936	24,600	27,050
Lambton	22,281	24,514	25,029	28,065	31,110
Lanark	8,959	9,098	9,241	9,960	10,995
Leeds	10,295	11,035	11,451	12,395	13,580
Lennox-Addington	5,331	5,705	6,010	6,880	8,425
Manitoulin	2,466	2,445	2,280	2,395	2,515
Middlesex	47,189	53,448	59,599	69,255	77,025
Muskoka ¹	6,215	6,489	6,713	7,995	9,665
Niagara ²	66,531	72,403	79,029	87,000	95,730
Nipissing	13,193	15,142	15,715	17,825	19,695
Norfolk	11,666	12,502	12,446	13,675	..
Northumberland	9,283	9,983	10,632	11,865	16,885
Ontario	27,163	33,161	40,785	48,550	..
Ottawa-Carleton ³	66,996	81,400	93,004	111,640	127,695
Oxford	16,136	17,027	18,058	19,600	21,830
Parry Sound	6,487	6,854	6,607	7,430	8,460
Peel	21,219	27,747	41,537	64,835	97,695
Perth	13,813	14,102	14,454	15,270	16,750
Peterborough	16,629	18,321	19,355	21,685	26,195
Prescott	5,545	5,689	5,761	6,270	7,105
Prince Edward	5,220	5,130	5,127	5,105	5,830
Rainy River	5,827	5,959	5,771	5,970	6,080
Renfrew	17,587	19,767	19,645	21,040	21,985
Russell	3,967	4,300	4,378	3,520	4,760
Simcoe	29,567	32,566	34,172	41,440	53,975
Stormont	12,905	13,157	13,444	14,425	15,540
Sudbury	31,186	36,316	37,850	45,485	47,930
Thunder Bay	28,375	31,801	32,573	34,545	37,355
Timiskaming	11,317	11,307	10,543	10,810	10,740
Toronto ⁴	..	..	..	518,360	540,690
Victoria	7,093	7,354	7,586	8,700	11,720
Waterloo	37,906	43,461	51,962	62,870	74,360
Wellington	18,542	20,222	22,012	26,385	31,210
Wentworth	81,699	89,789	96,670	100,820	107,080
York ⁵	381,653	443,488	500,654	40,820	52,640

1) District Municipality, comprising the former Territorial District of Muskoka as well as part of the Unorganized Township of Finlayson in the Territorial District of Nipissing.

2) Regional Municipality, comprising the former counties of Lincoln and Welland.

3) Regional Municipality, comprising the former county of Carleton as well as Cumberland Township in Russell County.

4) Metropolitan Municipality, comprising that part of former York County previously known as "Toronto Metropolitan Corporation".

5) Regional Municipality, comprising that part of the former York County outside the old "Toronto Metropolitan Corporation".

6) For 1976, the figure is for the Regional Municipality of Haldimand-Norfolk.

7) Durham Regional Municipality and Simcoe County acquired parts of what was formerly Ontario County in 1973.

8) The Sudbury figure includes 41,370 families in the Regional Municipality of Sudbury and 6,560 families in the Territorial District of Sudbury.

9) 1976 figure is for the Regional Municipality of Hamilton-Wentworth which was formed in 1973.

Source: SC, *Families, Families By Size and Type*.

Table 4.4
Marriages by Age of Bride and Groom, Canada and Ontario, 1973-1977

		1973		1974		1975		1976		1977 ^P	
		Brides	Grooms	Brides	Grooms	Brides	Grooms	Brides	Grooms	Brides	Grooms
Total	Canada	199,064	199,064	198,824	198,824	197,585	197,585	186,844	186,844	187,344	187,344
	Ontario	72,371	72,371	72,716	72,716	72,209	72,209	69,364	69,364	67,730	67,730
Under 15 Years	Canada	92	-	105	-	-	-	53	-	65	1
	Ontario	38	-	49	-	-	-	27	-	29	1
15-19 Years	Canada	56,494	16,115	53,596	15,607	50,311	14,260	44,880	12,508	41,634	11,320
	Ontario	20,876	6,411	20,119	6,392	18,690	5,632	16,491	5,035	14,900	4,279
20-24 Years	Canada	91,454	99,982	90,096	96,408	90,041	94,223	84,078	86,050	85,564	84,753
	Ontario	31,356	34,618	31,574	33,792	31,222	32,750	30,296	30,459	29,669	29,374
25-29 Years	Canada	24,575	44,861	25,988	45,327	27,918	46,731	28,327	45,663	29,547	46,713
	Ontario	9,356	16,205	9,978	16,833	10,702	17,195	10,844	17,243	11,174	16,798
30-34 Years	Canada	8,346	13,628	8,830	14,529	9,832	15,552	10,395	16,036	11,334	17,529
	Ontario	3,349	5,297	3,454	5,611	3,899	6,118	4,038	6,234	4,486	6,795
35-39 Years	Canada	4,392	6,542	4,714	6,779	5,138	7,494	5,151	7,552	5,405	7,934
	Ontario	1,783	2,602	1,950	2,661	2,069	2,990	2,112	2,921	2,147	3,065
40-44 Years	Canada	3,422	4,667	3,296	4,788	3,465	5,013	3,483	4,895	3,504	5,029
	Ontario	1,458	1,851	1,348	1,911	1,434	1,977	1,431	1,909	1,357	1,966
45+ Years	Canada	10,286	13,266	10,392	13,578	10,582	13,929	10,270	13,752	10,145	13,798
	Ontario	4,152	5,386	4,244	5,516	4,152	5,529	4,121	5,558	3,964	5,448
Not Stated	Canada	3	3	1,807 ¹	1,808 ²	298	383	207	388	146	267
	Ontario	3	1	-	-	41	18	4	5	4	4

1) The 1,807 brides are from the province of Saskatchewan for whom the ages were not reported.

2) The 1,808 grooms are from the province of Saskatchewan for whom the ages were not reported.

Source: SC, Vital Statistics, Preliminary Annual Report.

Table 4.5
Marriages¹, by Selected Municipality, Ontario, 1972–1977

	1972	1973	1974	1975	1976	1977
Toronto	14,644	14,311	14,166	15,217	14,706	13,351
North York (Borough)	2,150	2,213	2,174	2,089	1,915	1,941
Scarborough (Borough)	2,110	2,188	2,218	2,214	2,092	2,070
Hamilton	3,008	3,012	2,962	2,936	2,763	2,669
Ottawa	3,788	3,565	3,490	3,476	3,455	3,544
Etobicoke (Borough)	1,518	1,561	1,769	1,701	1,663	1,642
London	2,135	2,072	2,168	2,159	2,060	2,108
Windsor	2,144	2,086	2,072	1,924	1,808	1,861
Mississauga	957	1,155	1,559	1,180	1,260	1,384
York (Borough)	574	530	521	520	394	424
Kitchener	1,210	1,272	1,084	1,016	1,003	1,031
St. Catharines	1,074	1,103	1,117	1,069	987	1,020
Thunder Bay	1,072	1,105	1,078	1,025	1,041	1,042
East York (Borough)	251	279	315	301	251	238
Oshawa	824	896	883	871	886	831
Sudbury	1,061	1,074	1,105	991	995	993
Burlington	512	567	570	583	571	658
Sault Ste. Marie	823	811	803	780	740	714
Niagara Falls	633	591	661	605	572	533
Cambridge	...	648	778	821	788	666
Brantford	709	685	729	689	624	620
Oakville	518	543	535	455	459	411
Guelph	593	542	587	612	580	551
Kingston	804	815	788	824	709	681
Peterborough	629	676	677	681	626	571
Sarnia	692	635	591	648	570	561
North Bay	471	466	487	535	475	481
Cornwall	559	551	603	570	572	491
Welland	468	455	454	409	373	391
Brampton	353	401	780	1,008	931	871

1) By place of occurrence.

Source: Office of the Registrar General.

Table 4.6
Marriages and Divorces, Canada and Ontario, 1950–1977

	Marriages		Divorces	
	Canada	Ontario	Canada	Ontario
1950	125,083	43,744	5,386	2,241
1951	128,408	45,198	5,270	2,109
1952	128,474	45,251	5,650	2,218
1953	131,034	45,954	6,160	2,824
1954	128,629	45,028	5,923	2,469
1955	128,029	44,634	6,053	2,531
1956	132,713	46,282	6,002	2,478
1957	133,186	46,780	6,688	2,873
1958	131,525	46,894	6,279	2,776
1959	132,474	46,598	6,543	2,915
1960	130,338	45,855	6,980	2,965
1961	128,475	44,434	6,563	2,739
1962	129,381	44,454	6,768	3,140
1963	131,111	45,306	7,686	3,237
1964	138,135	48,501	8,623	3,508
1965	145,519	51,274	8,974	4,087
1966	155,596	54,571	10,239	4,101
1967	165,879	58,377	11,165	4,350
1968	171,766	62,109	11,343	5,036
1969	182,183	67,150	26,093	11,845
1970	188,428	68,874	29,775	12,451
1971	191,324	69,590	29,685	12,211
1972	200,470	72,278	32,389	13,190
1973	199,064	72,371	36,704	13,781
1974	198,824	72,716	45,019	15,277
1975	197,585	72,209	50,611	17,485
1976	193,343	69,364	54,207	18,589
1977 ^a	187,344	67,730	55,370	19,735

Source: SC, *Vital Statistics*.

Table 4.7
Marriage Rates and Divorce Rates, Canada and Ontario, 1950–1977

	Marriage Rates		Divorce Rates	
	Canada	Ontario	Canada	Ontario
	Rate per 1,000 Population		Rate per 100,000 Population	
1950	9.1	9.8	39.3	50.1
1951	9.2	9.8	37.6	45.9
1952	8.9	9.5	39.1	46.3
1953	8.8	9.3	41.5	57.2
1954	8.4	8.8	38.7	48.3
1955	8.2	8.5	38.6	48.1
1956	8.3	8.6	37.3	45.8
1957	8.0	8.3	40.3	51.0
1958	7.7	8.1	36.8	47.7
1959	7.6	7.8	37.4	48.8
1960	7.3	7.5	39.1	48.5
1961	7.0	7.1	36.0	43.9
1962	7.0	7.0	36.4	49.4
1963	6.9	7.0	40.6	49.9
1964	7.2	7.3	44.7	52.9
1965	7.4	7.6	45.7	60.2
1966	7.8	7.8	51.2	58.9
1967	8.1	8.2	54.8	61.0
1968	8.3	8.5	54.8	69.3
1969	8.7	9.0	124.2	160.4
1970	8.8	9.0	139.8	164.9
1971	8.9	9.0	137.6	158.9
1972	9.2	9.2	148.4	168.0
1973	9.0	9.1	166.1	173.0
1974	8.9	9.0	200.6	188.3
1975	8.7	8.8	222.0	212.0
1976	8.4	8.4	235.8	224.0
1977 ^p	8.0	8.1	237.7	235.1

Source: SC, *Vital Statistics*.

Table 4.8
Number of Licensed Day Nurseries, by Selected Urban Area, Ontario, 1950-1978

	Toronto	Hamilton	Ottawa	London	Windsor	St. Catharines	Thunder Bay
1950	44	10	8	5	9	6	1
1951	52	12	8	6	10	6	3
1952	54	12	9	6	10	7	5
1953	60	13	9	6	11	7	4
1954	62	13	10	6	11	7	7
1955	64	12	10	6	11	7	7
1956	64	14	11	8	11	8	6
1957	70	14	11	8	11	8	6
1958	72	14	8	9	11	9	6
1959	80	16	8	9	16	9	6
1960	82	16	10	9	16	8	6
1961	101	18	11	10	16	8	6
1962	98	20	14	11	16	9	5
1963	102	24	15	11	16	10	4
1964	108	23	15	12	12	12	4
1965	113	23	16	12	12	12	5
1966	122	28	18	14	13	12	9
1967	131	28	20	16	14	12	11
1968	164	31	22	17	15	14	10
1969	172	32	26	21	18	14	10
1970	181	40	30	22	18	15	10
1971	183	40	39	26	19	15	10
1972	189	41	52	29	19	15	11
1973	202	50	60	32	20	16	11
1974	218	57	70	35	20	17	11
1975	..	..	..	..	..	..	..
1976	..	..	..	..	..	..	..
1977	348	53	74	43	24	21	14
1978	352	53	78	49	32	22	12

Source: Ministry of Community and Social Services, Children's Services Division.

Table 4.9
Number of Licensed Day Nurseries, by County, Ontario, 1964-1978

	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Ontario	358	379	441	526	540	698	715	789	824	954	1,092	..	..	1,342	1,432
Algoma	3	3	3	6	4	4	5	5	6	9	10	..	..	11	10
Brant	9	10	11	13	13	14	15	14	14	17	19	..	..	22	26
Bruce	-	-	-	-	-	1	1	1	1	2	3	..	..	5	6
Cochrane	2	2	3	4	4	7	7	6	7	8	10	..	..	13	12
Dufferin	1	1	1	1	1	1	1	1	2	3	4	..	..	5	6
Dundas ¹	-	-	-	-	2	2	2	3	3	4	6	..	..	12 ⁶	8 ⁶
Durham ⁵	2	2	3	3	4	2	2	4	4	5	37	..	..	54	67
Elgin	2	2	2	2	2	2	2	4	4	5	6	..	..	8	8
Essex	14	14	15	17	18	22	22	25	25	26	28	..	..	33	42
Frontenac	8	10	14	15	17	14	14	16	17	18	20	..	..	21	23
Glengarry	-	-	-	-	-	-	-	-	-	1	1	..	..	6	6
Grenville ²	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Grey	1	1	2	3	2	2	2	5	5	6	6	..	..	13	12
Haldimand	-	-	1	2	1	2	2	2	3	4	5	..	..	10 ⁷	10 ⁷
Haliburton	-	-	1	1	-	-	-	-	2	2	2	..	..	1	-
Halton	11	11	15	20	24	30	30	31	32	36	40	..	..	51	51
Hastings	5	3	3	3	3	5	5	7	8	14	14	..	..	16	12
Huron	2	2	2	2	1	2	2	5	5	5	5	..	..	15	9
Kenora ³	1	1	2	3	3	5	5	4	5	8	10	..	..	9	13
Kent	2	2	2	2	3	3	3	3	4	5	5	..	..	5	13
Lambton	5	5	6	6	9	9	9	9	10	14	20	..	..	30	31
Lanark	3	2	2	2	2	3	3	3	5	5	5	..	..	17	9
Leeds ²	1	1	2	5	5	4	4	5	5	6	6	..	..	2	10
Lennox-Addington	1	1	2	2	-	1	1	1	1	1	1	..	..	2	5
Manitowlin	-	-	-	-	-	-	-	1	2	2	2	..	..	2	5
Middlesex	16	16	18	24	25	35	35	38	39	45	48	..	..	54	62
Muskoka	-	1	2	3	3	4	4	3	5	5	6	..	..	5	2
Niagara	18	20	23	23	27	35	35	40	41	42	51	..	..	54	60
Nipissing	1	1	1	1	1	5	5	3	2	2	2	..	..	12	9
Norfolk	2	-	-	-	1	3	3	3	3	4	4	..	..	7	7
Northumberland	2	2	2	4	2	4	4	2	4	9	9	..	..	9	11

Table 4.9 (cont'd)
Number of Licensed Day Nurseries, by County, Ontario 1964-1978

	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Ontario ⁵	7	7	9	10	10	19	19	24	25	32	...	...	...	...	...
Ottawa-Carleton	19	20	24	34	42	44	54	64	67	81	96	...	...	95	101
Oxford	1	1	2	3	3	4	4	5	5	6	6	...	...	7	7
Parry Sound	2	2	2	2	2	1	1	1	1	1	2	...	...	9	6
Peel	16	18	20	21	21	26	26	33	35	38	46	...	...	63	77
Perth	1	1	2	2	1	5	5	5	6	7	9	...	...	12	10
Peterborough	4	4	5	8	6	7	7	9	9	13	15	...	...	23	24
Prescott ⁴	-	-	2	2	1	1	1	1	2	5	6	...	...	6	7
Prince Edward	-	-	-	-	-	1	1	-	1	1	1	...	...	1	4
Rainy River ³	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...
Renfrew	4	4	4	5	4	5	5	5	5	7	7	...	...	7	8
Russell ⁴	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Simcoe	5	5	7	7	6	18	18	17	17	21	27	...	...	45	45 ⁶
Stormont ¹	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sudbury	1	2	3	4	4	4	4	7	7	12	13	...	...	24	23
Thunder Bay	4	5	9	11	10	12	12	12	12	12	12	...	...	15	13
Timiskaming	-	1	1	1	1	1	1	1	1	1	1	...	...	7	3
Toronto	112	125	130	161	162	220	225	238	242	261	294	...	...	339	352
Victoria	1	1	1	2	1	1	1	1	1	1	1	...	...	6	6
Waterloo	12	13	16	19	18	27	27	30	31	39	45	...	...	44	51
Wellington	3	3	4	4	6	10	10	15	15	16	17	...	...	25	28
Wentworth	34	34	39	39	46	52	52	56	56	62	73	...	...	71	74
York	20	20	23	24	19	19	19	22	23	27	36	...	...	50	57

1) Data for Dundas and Stormont are shown in Dundas County.
2) Data for Leeds and Grenville are shown in Leeds County.
3) Data for Kenora and Rainy River are shown in Kenora County, for 1963 to 1974.
4) Data for Prescott and Russell are shown in Prescott County.
5) In 1974 Durham Regional Municipality was incorporated. Ontario County data are included in the Durham figures from 1974 onward.
6) Data for Dundas, Glengarry and Stormont are shown in Dundas County for 1977 and 1978.
7) Data for Haldimand and Norfolk are shown in Haldimand County for 1977 and 1978.

Source: Ministry of Community and Social Services, Children's Services Division.

Table 4.10

Number of Licensed Day Nurseries, Capacity and Number of Children Subsidized, Ontario, 1950-1978¹

	Nurseries	Capacity	Number Subsidized
1950	175	5,476	1,147
1951	191	5,956	1,147
1952	199	6,232	1,205
1953	210	6,588	1,201
1954	210	6,588	1,201
1955	224	6,781	1,104
1956	228	6,827	1,115
1957	227	6,797	1,115
1958	249	6,954	1,115
1959	272	7,279	1,104
1960	283	7,553	1,173
1961	328	8,528	1,148
1962	335	8,733	1,129
1963	348	9,458	1,115
1964	358	9,938	1,155
1965	379	11,034	1,882
1966	441	13,434	2,123
1967	526	18,350	2,099
1968	540	21,000	2,502
1969	698	26,150	3,786
1970	715	28,526	4,276
1971	789	30,730	5,729
1972	824	31,344	8,263
1973	954	35,138	9,609
1974	1,092	46,379	13,075
1975	1,182	43,115	..
1976	..	..	..
1977	1,342	49,904	..
1978	1,432	53,637	..

1) As of December of each year.

Source: Ministry of Community and Social Services, Children's Services Division.

Table 4.11
 Number of Licensed Day Nurseries, Capacity and Number of Children Subsidized by Control
 and by Length of Stay, Ontario, 1971-1974, 1977 and 1978¹.

		Nurseries		Capacity ²		Number Subsidized	
		All Day	Part Day	All Day	Part Day	All Day	Part Day
Municipalities	1971	43	30	4,200	831	2,452	656
	1972	83	30	5,392	831	3,548	656
	1973	86	31	5,489	851	3,705	667
	1974	102	32	5,519	1,424	4,020	687
	1977	136	27	7,857		..	..
	1978	137	29	8,010		..	..
Indian Bands	1971	1	-	65	-	65	-
	1972	1	-	65	-	65	-
	1973	10	-	339	-	339	-
	1974	12	2	475	40	475	40
	1977	21	1	727		..	..
	1978	21	1	727		..	..
Provincially Approved Corporations							
- Handicapped	1971	-	-	-	-	-	-
	1972	9	42	132	656	132	656
	1973	9	69	142	1,145	142	1,145
	1974	10	72	391	1,177	391	1,177
	1977 ³	52	70	3,467		..	..
	1978 ³	52	72	3,512		..	..
- Private Home Day Care	1971	-	-	-	-	-	-
	1972	-	-	320	-	320	-
	1973	-	-	450	-	450	-
	1974	-	-	1,850	-	1,850	-
	1977	1,447 ⁵		3,541 ⁶		..	..
	1978	1,610 ⁵		3,962 ⁶		..	..
- Other (Charitable)	1971	-	-	-	-	-	-
	1972	-	-	-	-	-	-
	1973	-	-	-	-	-	-
	1974	18	9	528	137	132	10
	1977 ⁴	173	300	18,682		..	..
	1978 ⁴	209	353	22,658		..	..
Other Private Nurseries	1971	234	481	8,540	17,094	2,136	420
	1972	210	449	7,820	16,128	2,356	530
	1973	247	502	8,410	18,312	2,541	620
	1974	327	508	14,264	20,574	3,397	896
	1977	233	322	18,964		..	..
	1978	328	230	18,730		..	..
Totals	1971	278	511	12,805	17,925	4,653	1,076
	1972	303	521	13,729	17,615	6,421	1,842
	1973	352	602	14,830	20,308	7,177	2,432
	1974	469	623	23,027	23,352	10,265	2,810
	1977	615	720	49,697		..	..
	1978	747	685	53,637		..	..

¹ No data available for 1975 and 1976.

² No breakdown is available for 1977 and 1978.

³ Includes the following for "Approved Corporation": 1977: 29 all-day and 25 half-day nurseries with a capacity of 1,804 children, 1978: 29 all-day and 26 half-day nurseries with a capacity of 1,824 children.

⁴ Includes "Other Charitable and Non-charitable."

⁵ Total number of homes.

⁶ Total number of children.

Source: Ministry of Community and Social Services, Children's Services Division.

Table 4. 12

Provincial, Federal, Municipal and Other Participation in Social Service Expenditures by Program,
Ontario, Year Ending March 31, 1978

Provincial	Provincial	Federal	Municipal	Other Sources	Total
	\$	\$	\$	\$	\$
General Welfare Assistance—Allowances	53,305,881	86,068,401	34,227,304	—	173,601,586
General Welfare Assistance—Administration Subsidy	1,422,810	13,947,328	15,370,138	—	30,740,276
Family Benefits	203,487,921	190,566,465	—	—	394,054,386
Municipal Homes for the Aged	48,423,355	36,795,450	15,041,279	—	100,260,084
Charitable Institutions for Adults	12,437,821	8,851,641	—	4,000,942	25,290,404
Elderly Persons' Centres	1,745,172	—	698,069	1,047,103	3,490,344
Day Nurseries—Municipal	13,337,348	14,642,390	6,994,933	—	34,974,671
Day Nurseries—Corporations	762,112	836,684	—	399,700	1,998,496
Day Nurseries—Mentally Retarded	2,304,867	2,530,395	—	1,208,816	6,044,078
Child Welfare—C.A.S.	37,896,308	42,627,896	18,885,394	—	99,409,598
Institutions for Children and Youth	5,327,338	—	—	1,331,837	6,659,175
Charitable Institutions for Children and Youth	530,791	529,689	—	265,120	1,325,600
Juvenile Delinquency	1,111,617	—	1,111,617	—	2,223,234
Correctional Services	1,751,600	—	—	—	1,751,600
Handicapped Youth Employment	816,049	—	—	—	816,049
Mental Health Facilities for Children	35,489,261	—	—	—	35,489,261
Homes for Retarded Persons	5,821,317	3,540,120	—	2,340,359	11,701,796
Protective and Supportive Services (Children)	2,799,203	—	—	—	2,799,203
Homemakers and Nurses Services	2,766,190	2,606,194	1,343,096	—	6,715,480
Vocational Rehabilitation	5,504,561	3,388,349	—	—	8,892,910
Charitable Institutions for Rehabilitation	1,164,204	1,139,618	—	575,957	2,879,779
Residential Facilities for Mentally Retarded	12,790,345	9,538,636	—	—	22,328,981
Workshops for Disabled	3,394,020	2,043,212	—	1,359,308	6,796,540
Workshops for Mentally Retarded	6,025,861	3,627,591	—	2,413,368	12,066,820
Life Skills Training	862,891	862,891	—	—	1,725,782
Protective and Supportive Services (Adults)	1,525,540	—	—	—	1,525,540
Family Service Agencies	137,788	115,019	—	—	252,807
Work Activity Projects	530,254	645,144	293,849	—	1,469,247
Credit Counselling Services	349,871	249,817	—	—	599,688
Demonstration Projects	843,221	62,226	—	—	905,447
Payments in Lieu of Municipal Taxes	397,775	—	—	—	397,775
Total Assistance and Services	465,063,292	425,215,156	93,965,679	14,942,510	999,186,637

Source: Ministry of Community and Social Services, *Expenditures by Municipality*.

Table 4.13

Federal, Provincial, Municipal and Other Participation in Social Service Expenditures, by Municipal Unit, Year Ending March, 1978

Municipal Unit	Provincial	Federal	Municipal	Other Sources	Total
			%	\$	
Ontario	46.54	42.56	9.40	1.50	999,186,638
Algoma	47.45	43.67	8.63	.25	6,060,000
Barrie	63.98	28.95	3.36	3.71	5,009,160
Brant	46.92	45.67	6.61	.80	14,132,928
Brockville	47.97	44.63	6.45	.95	2,632,508
Bruce	46.95	45.18	7.13	.74	4,992,001
Chatham	47.62	44.95	5.77	1.66	4,932,308
Cochrane	46.79	45.51	6.95	.75	10,192,879
Cornwall	47.04	44.61	6.51	1.84	8,943,220
Dufferin	46.51	41.43	10.07	1.99	2,493,026
Durham	47.33	40.59	11.00	1.08	28,084,491
Elgin	45.74	44.34	9.90	.02	2,774,762
Essex	44.56	43.10	10.96	1.38	7,743,598
Frontenac	50.09	42.00	7.08	.83	2,840,202
Grey	50.23	41.22	7.17	1.38	7,056,203
Haldimand-Norfolk	49.43	43.65	6.08	.84	8,019,262
Haliburton	69.23	26.26	4.33	.18	2,500,164
Halton	48.88	41.67	7.55	1.90	15,978,200
Hamilton-Wentworth	45.96	43.31	9.54	1.19	66,031,059
Hastings	46.74	45.90	6.72	.64	13,275,496
Huron	49.00	42.01	7.20	1.79	5,129,466
Kenora	45.08	46.74	6.74	1.44	10,325,022
Kent	46.76	44.12	8.53	.59	4,803,920
Kingston	51.32	42.36	5.08	1.24	19,155,141
Lambton	45.56	41.85	11.67	.92	5,829,856
Lanark	47.04	43.93	8.47	.56	5,408,313
Leeds & Grenville	48.45	46.22	4.40	.93	4,437,726
Lennox & Addington	47.97	45.78	5.62	.63	3,135,932
London	47.78	41.11	8.39	2.72	29,824,136
Manitoulin	43.57	49.03	7.39	.01	2,816,881
Middlesex	52.43	37.58	7.17	2.82	6,310,805
Muskoka	50.68	40.54	8.31	.47	4,630,257
Niagara	45.92	43.98	8.23	1.87	47,634,381
Nipissing	46.68	48.87	3.89	.56	5,336,827
North Bay	51.28	41.34	5.64	1.74	7,965,396
Northumberland	44.63	46.22	8.73	.42	5,133,606
Ottawa-Carleton	45.78	41.23	11.56	1.43	67,399,588
Oxford	44.21	44.44	9.46	1.89	6,154,283
Parry Sound	47.71	45.55	6.35	.39	4,898,890
Peel	43.20	41.76	13.37	1.67	20,887,499
Perth	45.66	44.04	7.53	2.77	1,816,376
Peterborough City	47.30	42.40	8.39	1.91	9,818,733
Peterborough	45.29	48.16	6.53	.02	2,195,297
Prescott & Russell	43.99	46.15	9.09	.77	8,923,118
Prince Edward	48.62	44.00	6.60	.78	1,993,641
Rainy River	46.01	43.63	8.36	2.00	3,499,837
Renfrew	48.77	44.46	5.61	1.16	13,278,248
St. Thomas	47.51	41.35	8.15	2.99	3,077,079
Sarnia	48.89	40.32	8.38	2.41	6,423,869
Sault Ste. Marie	45.45	45.35	8.16	1.04	11,002,995
Simcoe	50.76	40.98	6.82	1.44	15,121,062
Stormont, Dundas & Glengarry	47.54	45.24	4.89	2.33	5,209,216
Stratford	44.54	42.23	11.57	1.66	2,470,645
Sudbury	49.21	42.84	7.05	.90	25,665,366
Thunder Bay City	48.00	40.26	10.60	1.14	21,741,110
Thunder Bay	41.82	49.95	7.52	.71	3,483,518
Timmins	47.49	44.39	7.37	.75	7,696,273
Timiskaming	46.30	47.42	5.77	.51	7,190,135
Toronto-Metropolitan	44.35	42.32	11.71	1.62	280,593,332
Victoria	47.70	45.32	6.42	.56	3,871,964
Waterloo	44.82	42.64	10.58	1.96	26,934,949
Wellington	44.03	44.71	9.16	2.10	9,463,379
Windsor	49.45	41.48	7.87	1.20	30,836,659
York	54.54	34.30	7.01	4.15	15,970,445

Source: Ministry of Community and Social Services, *Expenditures by Municipality*.

Table 4. 14

Expenditures of Social Services Programs, by County, Ontario, 1973-74 to 1977-78¹

County	1973-74	1974-75	1975-76	1976-77	1977-78
			\$		
Ontario	475,461,053	596,432,745	800,845,353	842,946,463	999,186,638
Algoma	8,310,766	10,602,185	14,332,891	15,028,440	17,062,995
Brant	7,009,411	8,878,899	11,860,580	12,098,193	14,132,927
Bruce	2,725,305	3,520,904	4,217,645	4,284,077	4,992,001
Cochrane	8,198,948	11,083,152	13,555,555	15,134,406	17,889,152
Dufferin	1,392,342	1,759,496	2,215,168	2,220,504	2,493,027
Durham	10,411,706	14,467,041	20,931,091	21,781,915	28,084,491
Elgin	2,958,326	3,671,631	4,817,012	5,108,772	5,851,841
Essex	21,192,578	25,627,223	34,419,382	33,743,683	38,580,256
Frontenac	7,563,174	10,606,639	14,864,858	15,071,082	21,995,343
Grey	3,155,915	4,071,062	5,243,960	5,601,543	7,056,203
Haldimand-Norfolk	4,083,363	5,577,374	6,907,235	7,048,056	8,019,263
Haliburton	795,060	1,018,582	1,305,691	1,331,266	2,500,164
Halton	4,899,227	6,090,988	9,734,497	13,179,224	15,978,199
Hamilton-Wentworth	32,248,174	39,476,104	54,520,112	53,432,628	66,031,058
Hastings	5,749,325	8,474,702	10,915,892	11,679,787	13,275,496
Huron	2,502,328	3,171,844	4,102,567	4,268,010	5,129,466
Kenora	4,394,772	5,863,833	8,113,280	9,023,582	10,325,022
Kent	5,202,548	6,260,108	8,262,397	8,602,966	9,736,229
Lambton	5,932,039	7,746,125	10,062,092	10,204,930	12,253,725
Lanark	2,261,425	3,096,303	4,290,956	4,491,255	5,408,313
Leeds & Grenville	3,619,354	4,686,972	6,021,685	6,306,883	7,070,234
Lennox & Addington	1,594,496	1,975,001	2,617,380	2,807,244	3,135,932
Manitoulin	1,593,188	2,111,635	2,662,165	2,632,316	2,816,881
Middlesex	18,121,816	21,972,057	28,336,481	30,566,660	36,134,942
Muskoka	2,326,784	2,903,899	3,692,265	3,799,065	4,630,256
Niagara	23,387,382	29,991,895	40,931,451	42,134,673	47,634,381
Nipissing	6,331,224	8,021,607	10,852,946	10,877,275	13,302,224
Northumberland	2,985,005	3,256,713	4,248,490	4,406,507	5,133,606
Ottawa-Carleton	36,892,350	41,825,535	54,901,293	59,373,480	67,399,588
Oxford	3,079,159	3,752,179	5,110,471	5,581,846	6,154,283
Parry Sound	2,602,608	3,621,037	4,359,921	4,654,406	4,898,890
Peel	7,333,719	10,122,324	15,171,225	17,968,616	20,887,498
Perth	2,326,257	2,969,681	3,592,489	3,689,747	4,287,021
Peterborough	5,553,503	6,673,184	8,855,263	9,316,238	12,014,030
Prescott & Russell	4,260,850	5,520,011	6,732,351	7,579,086	8,923,118
Prince Edward	1,104,856	1,446,706	1,854,628	1,863,059	1,993,641
Rainy River	1,846,318	2,689,448	3,524,110	3,397,274	3,499,837
Renfrew	6,652,158	8,721,427	11,579,586	12,117,957	13,278,248
Simcoe	8,233,546	10,811,797	14,634,936	15,137,900	20,130,221
Stormont, Dundas & Glengarry	7,835,594	9,688,989	12,760,735	12,748,612	14,152,436
Sudbury	11,604,670	15,357,611	19,793,635	21,290,048	25,665,366
Thunder Bay	10,969,873	14,965,366	21,251,838	21,298,711	25,224,628
Timiskaming	4,338,940	5,012,511	5,882,335	6,054,980	7,190,135
Toronto-Metropolitan	133,275,495	163,190,021	222,949,275	237,659,022	280,593,333
Victoria	1,985,257	2,581,178	3,215,208	3,348,650	3,871,964
Waterloo	12,213,996	16,455,073	22,015,686	23,016,602	26,934,950
Wellington	5,128,653	6,398,469	7,753,779	8,240,537	9,463,379
York	7,277,270	8,646,224	10,870,865	11,744,750	15,970,445

1) Fiscal year ending March 31 of each year.

Source: Ministry of Community and Social Services, *Expenditures by Municipality*.

Table 4.15

Social Services Expenditures per Capita, by County, Ontario, 1973-74 to 1977-78¹

	1973-74	1974-75	1975-76	1976-77	1977-78 ²
			\$		
Ontario	61.17	74.52	97.76	101.44	118.75
Algoma	69.08	88.36	117.05	121.52	134.08
Brant	70.92	87.76	115.28	115.01	131.69
Bruce	54.24	69.02	78.29	76.23	85.43
Cochrane	81.88	109.01	129.16	143.68	169.28
Dufferin	58.73	67.36	82.28	78.57	85.85
Durham	47.27	63.51	89.25	89.31	109.53
Elgin	45.40	54.29	70.60	74.53	84.63
Essex	69.15	83.31	110.91	108.91	123.74
Frontenac	75.49	100.68	135.75	135.63	195.79
Grey	46.74	60.64	75.80	79.04	97.86
Haldimand-Norfolk	49.16	66.07	80.47	81.16	92.13
Haliburton	85.51	108.82	134.23	128.59	236.99
Halton	24.22	28.58	44.00	58.28	69.36
Hamilton-Wentworth	81.28	98.40	133.48	130.54	160.52
Hastings	59.19	84.37	104.35	110.58	124.72
Huron	48.26	59.29	75.04	76.95	91.54
Kenora	75.40	99.73	134.77	147.91	169.36
Kent	52.51	61.44	79.68	81.83	91.60
Lambton	53.10	67.63	85.72	84.44	99.62
Lanark	56.18	73.06	99.74	103.05	121.84
Leeds & Grenville	49.27	62.33	78.42	80.74	89.50
Lennox & Addington	53.65	65.16	84.69	88.49	94.91
Manitoulin	128.56	176.03	215.72	212.15	222.98
Middlesex	61.42	73.15	91.92	97.86	114.07
Muskoka	74.67	88.40	109.25	108.64	129.87
Niagara	67.72	84.88	114.12	116.27	130.13
Nipissing	83.98	101.21	136.97	135.65	165.99
Northumberland	50.76	53.77	68.60	70.39	80.33
Ottawa-Carleton	77.29	85.38	108.37	113.87	127.07
Oxford	39.34	46.30	61.35	66.06	72.71
Parry Sound	88.49	120.60	145.62	152.11	156.35
Peel	24.23	30.62	42.82	47.66	52.05
Perth	37.27	46.46	55.28	56.47	64.93
Peterborough	60.74	70.59	91.08	94.36	120.96
Prescott & Russell	95.55	119.28	141.78	154.77	177.36
Prince Edward	54.71	68.79	84.89	85.06	89.73
Rainy River	74.85	109.27	142.97	136.28	139.04
Renfrew	82.97	100.24	131.22	137.65	150.47
Simcoe	47.39	55.48	71.73	72.36	94.45
Stormont, Dundas & Glengarry	80.82	98.00	127.62	126.34	138.15
Sudbury	57.34	75.88	95.81	102.73	123.04
Thunder Bay	77.26	103.96	145.07	144.31	169.07
Timiskaming	98.44	113.89	132.36	137.53	166.79
Toronto-Metropolitan	64.02	76.83	103.59	110.32	130.64
Victoria	53.68	66.08	77.88	77.63	85.93
Waterloo	46.37	59.34	76.90	79.05	90.96
Wellington	45.20	53.63	62.91	65.32	74.19
York	39.81	45.50	55.65	58.02	76.44

¹ Fiscal year ending March 31 of each year.² Not comparable with previous years as new programs are included in totals.Source: Ministry of Community and Social Services, *Expenditures by Municipality*.

Health

Highlights

- **Life Expectancy** — From 1951 to 1976 average life expectancy has increased in Ontario. Average life expectancy for females at birth in 1976 was 77.7 years while that for males was 70.6 years. At age 60 in 1976, average life expectancy for females was 21.9 years and that for males 17.0 years.
- **Medical Professions** — Statistics for the medical professions indicate that out of the 14,927 medical doctors in Ontario, about 44.3 per cent were specialists. County area figures reveal that some areas, namely Frontenac, Ottawa-Carleton and Peterborough had more specialists than non-specialists. In terms of the number of persons per resident physician, the ratio has decreased from 782 in 1960 to 561 in 1977. The ratio of persons per nurse, over the same period, has fallen from 178 to 91. In the dental field, the number of persons per dentist reported in 1960 was 2,461; figures for 1977 show a decrease to 2,046 persons per dentist. Area data indicate that the county of Middlesex had the lowest ratio of 1 dentist to every 1,434 persons.
- **Hospitals** — The total operating expense per patient-day in Ontario public general and allied special hospitals in 1967 was \$40.41, which has risen \$148.43 by 1977, an increase of 267.3 per cent. Comparable rates for Canada were \$40.38 and \$133.90, representing a 231.6 per cent increase over the same ten year period. The number of hospitals of all types in Ontario totalled 358 (68,839 beds) in 1976; by January 1, 1978, this number had fallen to 315 (59,777 beds). Public general hospitals with 200 or more beds had decreased from 82 in 1976 to 81 in 1978. Average days per separation in Ontario fell to 10.4 in 1976 from 13.4 in 1966. The average days per separation for males in 1975 was higher than that for females, 10.6 compared with 10.2.
- **Illness** — In terms of notifiable diseases in 1978 those with the highest rate per 100,000 population were chickenpox with 153.8, influenza with 117.9 and mumps with 70.0. In 1976, 12,657 deaths were reported from cancer with males representing 55.1 per cent of this total; heart disease took 22,246 lives of whom 58.0 per cent were males. There was a small decline of 6.0 per cent in the average daily population in mental institutions from 1977 to 1978. Among those diagnosed with psychosis in 1977-78, schizophrenia had the highest incidence with 24.0 per 100,000 population. Of those in mental institutions without psychosis, mental retardation showed a rate of incidence of 4.0 per 100,000 population.
- **Smoking and Alcoholic Consumption** — In 1977, 38.2 per cent of the Ontario male population 15 years and over were regular smokers, i.e. smoked daily. The Ontario figure represents a decline of 12.8 per cent since 1972. In the Ontario female population 15 years and over, 28.8 per cent were regular smokers in 1977. The number of female smokers in Ontario showed a decrease since 1972 of 2.7 per cent. In 1976-77 the per capita annual consumption of alcoholic beverages for those aged 15 years and over in Ontario was 2.49 gallons, up 7.3 per cent over the corresponding figure for 1971-72.

Definitions

Notifiable Diseases — Diseases which by legislation are required to be reported. What is deemed to be a notifiable disease may vary from province to province.

Patients in Approved Homes — Those individuals who were originally admitted to a Psychiatric Hospital or Facility for the Retarded and subsequently sent to an Approved Home. These individuals are still retained "on the books" of the hospital whence they came; they have not been discharged.

Patients on Leave of Absence — Individuals admitted to a Psychiatric Hospital or Facility for the Retarded and subsequently placed on leave of absence under The Mental Health Act, 1967. They are not discharged; they are still under the supervision of the hospital whence they came and are included in Patients on the Books.

Patients on Books – Patients in hospital plus patients in Approved Homes plus patients on Leave of Absence.

Separations – Discharges plus deaths plus transfers-out (from one psychiatric inpatient facility directly to another).

General Hospital – Provides mainly for the diagnosis and short-term treatment of patients for a wide range of diseases and injuries. The services of a general hospital are not restricted to a specific age group or sex.

Average Daily Population in Hospital –
$$\frac{\text{Total number of patient days in the year}}{\text{Total number of days in the year}}$$

Average Daily Population on Books –
$$\frac{\text{Total number of patients on the hospital books at the end of each month}}{\text{Total number of months in the year all hospitals are open}}$$

Apparent Consumption – Purchases of alcoholic beverages by alcoholic content. Purchases may not equal actual consumption because of spillage, etc.

Special Register Physician – A physician having a restricted licence to practise. Further information on the types of restrictions can be obtained from the College of Physicians and Surgeons of Ontario.

Discharges – A function of total admissions; as the number of patients entering psychiatric inpatient facilities rises, the number leaving tends to rise. Deals with one treatment period; the totals are aggregates of cases, some patients being discharged more than once during the year.

Public – Applies to an institution recognized by the province as a "public institution". Such an institution generally is not operated for profit.

Proprietary – Applies to an institution owned by an individual or by a private organization, operated for a profit, and recognized by the province as a "proprietary hospital".

Federal – Applies to an institution owned by a department or agency of the Government of Canada and operated on a non-profit basis.

Mental Psychiatric Hospital – An institution that provides treatment for all types of psychiatric conditions and includes facilities for long-term care.

Institution for the Mentally Retarded – A facility that provides care, treatment and training for mentally retarded patients.

Aged and Senile Home – A facility for the care and treatment of the aged who suffer from psychosis, senility, or other psychiatric disorders.

Psychiatric Unit – A unit within a general hospital that is organized for the treatment of patients with psychiatric disorders.

Hospital for Addicts – A facility specializing in the treatment of patients suffering from alcoholism or drug addiction.

Other Types – Hospital for epileptics and treatment centre for emotionally disturbed children.

Patient-Day – The period of service to an inpatient between the census-taking hours on two successive days. The day of admission is counted as a patient-day but the day of separation is not.

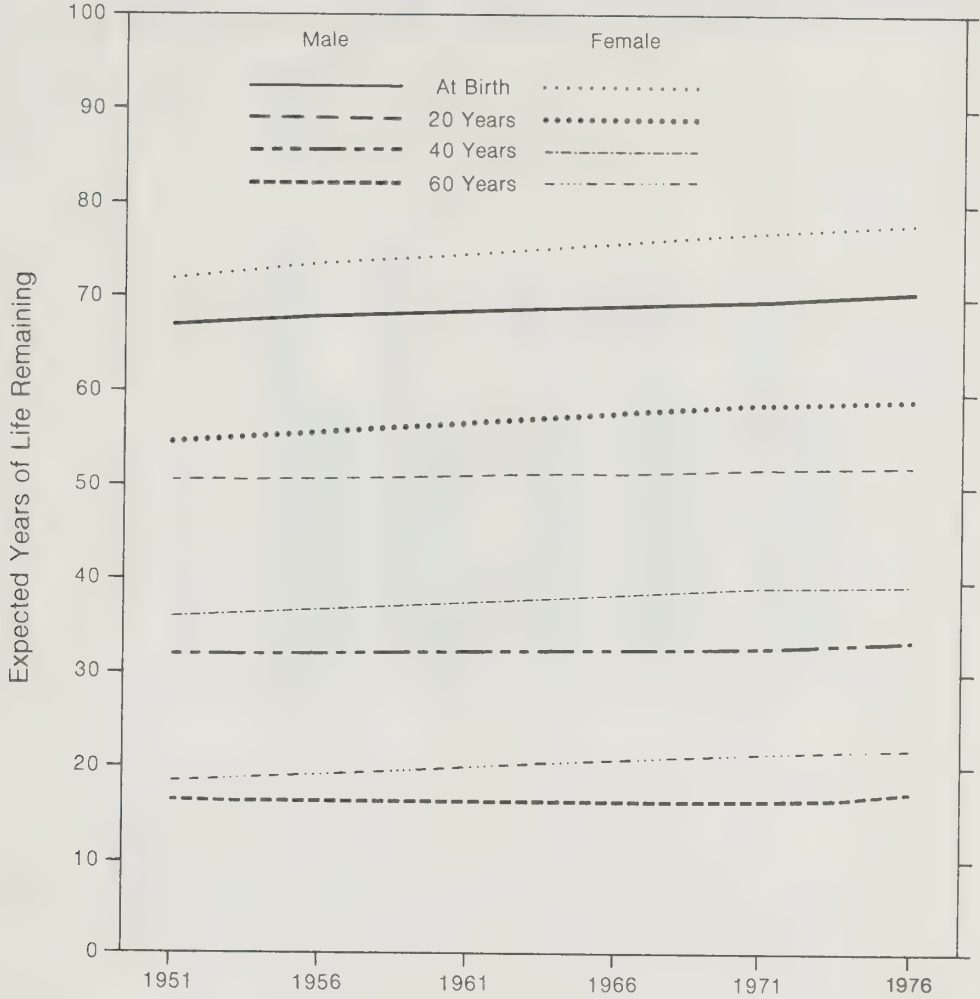
Regular Register Physician – A physician having a full licence to practise.

Physicians, Resident – Those physicians giving an Ontario address as their mailing address.

Prescribed Drugs – Drugs sold at retail on the prescription of a practitioner; excluding drugs dispensed by hospitals.

Graph 5.A

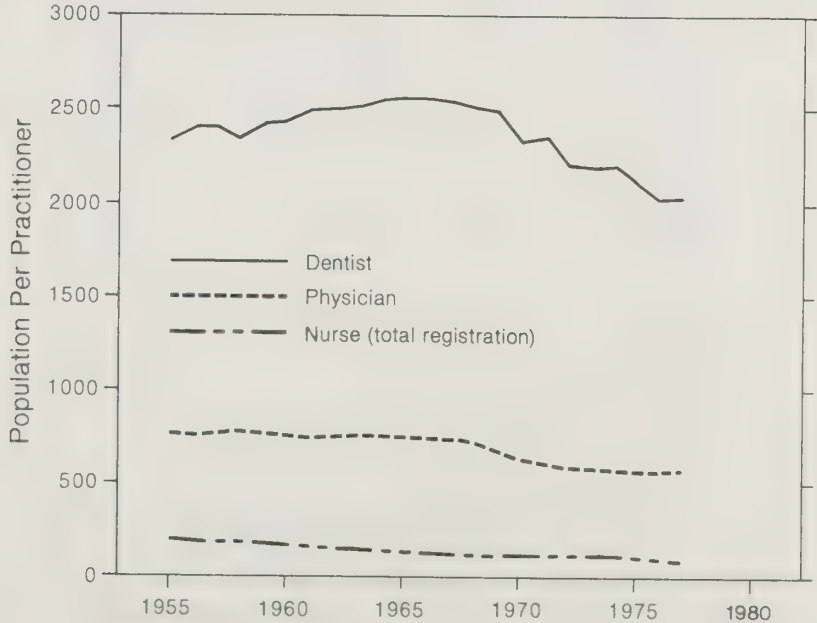
Average Life Expectancy by Selected Age, Ontario, Census Years, 1951-1976



Refer to Table 5.1.

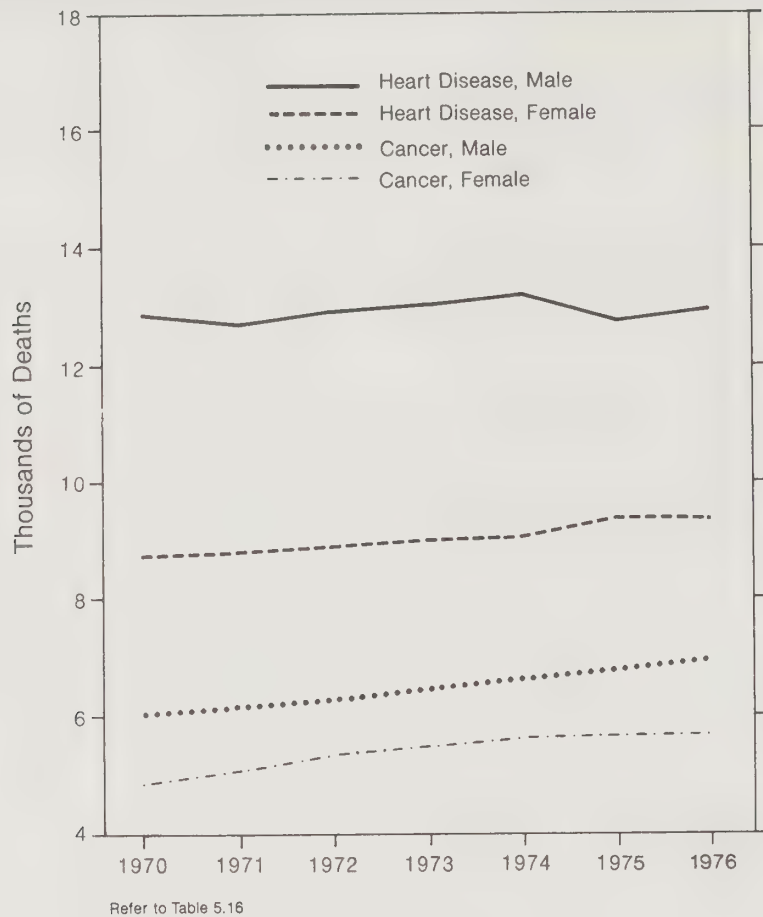
Graph 5.B

Population Per Physician, Nurse and Dentist, Ontario, 1955-1977

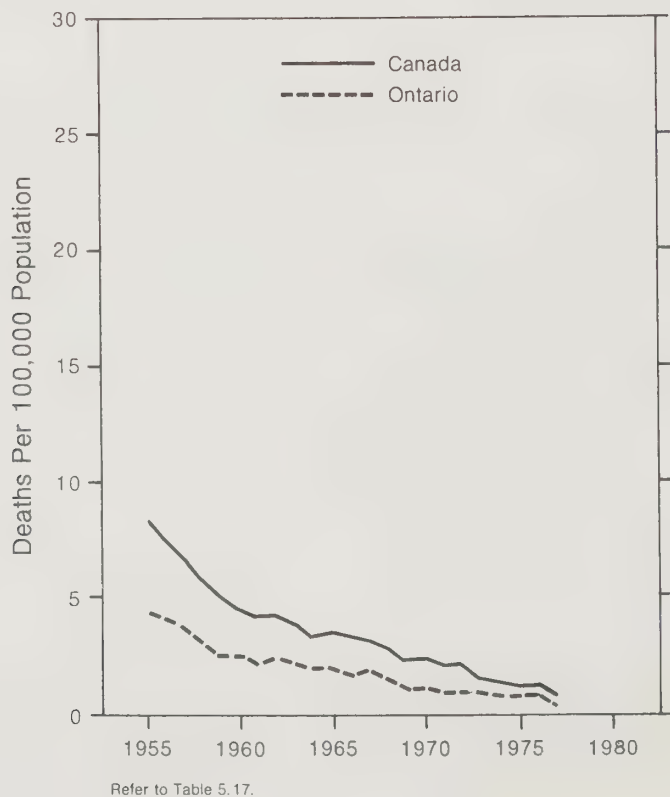


Refer to Tables 5.3, 5.5 and 5.7

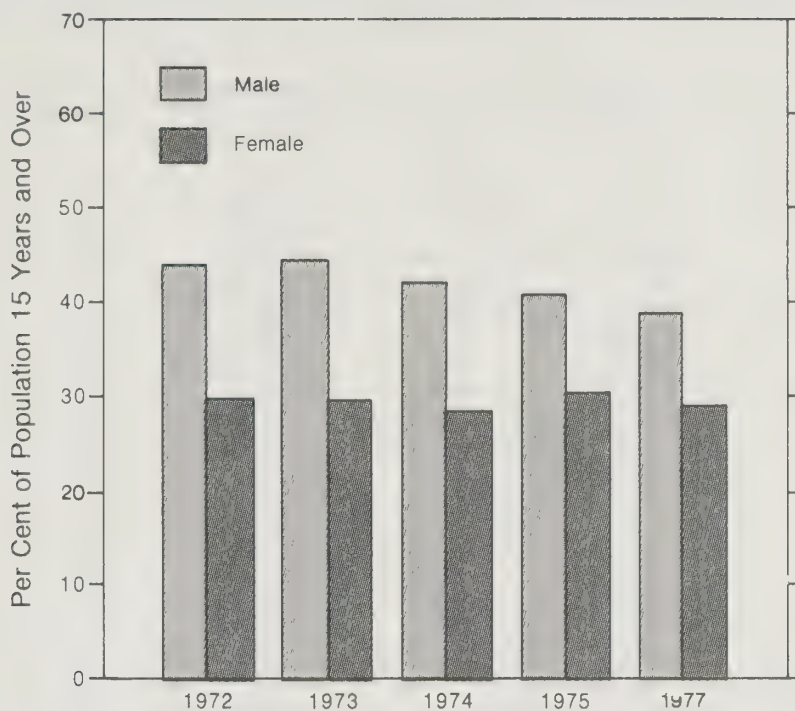
Graph 5.C
Death from Cancer and Heart Disease by Sex, Ontario, 1970-1976



Graph 5.D
Rates of Death from All Forms of Tuberculosis, Canada and Ontario, 1955-1977

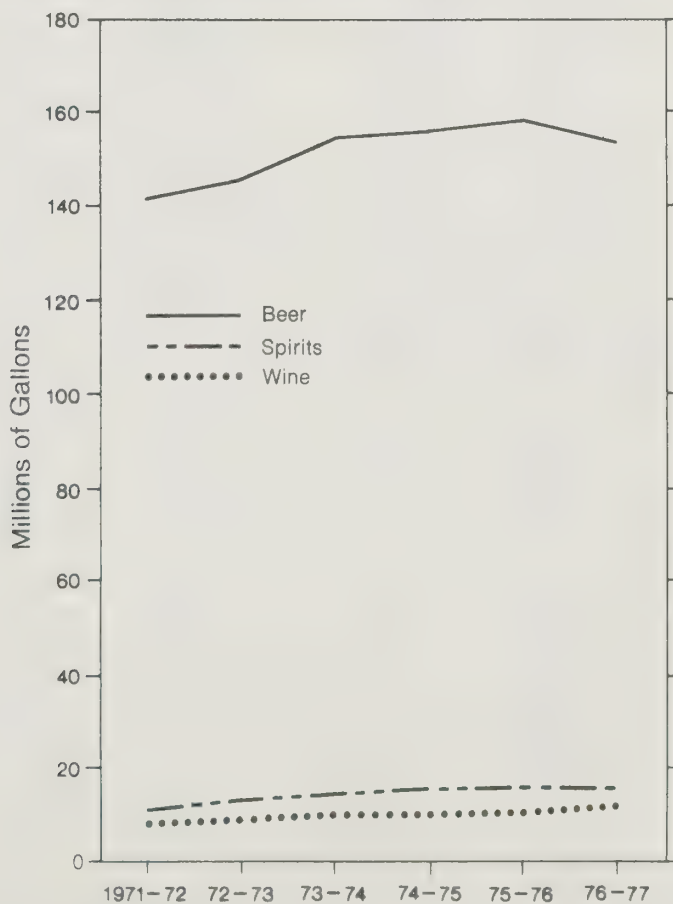


Graph 5.E
Cigarette Smokers, Ontario, 1972-1975 and 1977



Refer to Table 5.32

Graph 5.F
Volume of Sales of Alcoholic Beverages, Ontario, 1971-72 to 1976-77



Refer to Table 5.33

Table 5.1
Average Life Expectancy by Selected Age, Canada and Ontario, Census Years, 1951–1976

	Canada		Ontario	
	Male	Female	Male	Female
At Birth				
1951	66.3	70.8	66.9	71.9
1956	67.6	72.9	67.8	73.6
1961	68.4	74.2	68.3	74.4
1966	68.8	75.2	68.7	75.5
1971	69.3	76.4	69.6	76.8
1976 ¹	70.2	77.5	70.6	77.7
1 Year				
1951	68.3	72.3	68.3	72.9
1956	69.0	74.0	68.8	74.3
1961	69.5	75.0	69.1	75.0
1966	69.5	75.7	69.3	75.9
1971	69.8	76.6	69.8	76.8
1976 ¹	70.2	77.4	70.5	77.5
20 Years				
1951	50.8	54.4	50.6	54.8
1956	51.2	55.8	50.8	56.0
1961	51.5	56.7	51.0	56.5
1966	51.5	57.4	51.1	57.5
1971	51.7	58.2	51.6	58.4
1976 ¹	52.1	59.0	52.2	59.0
40 Years				
1951	32.5	35.6	32.0	35.8
1956	32.7	36.7	32.2	36.7
1961	33.0	37.5	32.4	37.3
1966	33.0	38.2	32.4	38.2
1971	33.2	39.0	32.9	39.1
1976 ¹	33.6	39.7	33.5	39.6
60 Years				
1951	16.5	18.6	16.2	18.6
1956	16.5	19.3	16.1	19.4
1961	16.7	19.9	16.2	19.7
1966	16.8	20.6	16.2	20.6
1971	17.0	21.4	16.6	21.5
1976 ¹	17.2	22.0	17.0	21.9

1) Averages are based on the 3 years centred around the census year.

Source: SC, *Vital Statistics, Vol. III, Deaths*.

Table 5.2
Doctors, Specialists and Non-Specialists, by County, Ontario, 1977

	Non-Specialists		Specialists		Total Doctors	
	Total ¹	Population Ratio ²	Total ¹	Population Ratio ²	Total ¹	Population Ratio ²
Ontario	8,316	1,007	6,611	1,267	14,927	561
Algoma	93	1,338	58	2,145	151	824
Brant	75	1,348	54	1,873	129	784
Bruce	41	1,413	4	14,486	45	1,288
Cochrane	79	1,223	21	4,600	100	966
Dufferin	21	1,384	3	9,685	24	1,211
R.M. of Durham	199	1,289	112	2,291	311	825
Elgin	44	1,573	30	2,306	74	935
Essex	209	1,492	184	1,694	393	793
Frontenac	214	525	236	476	450	250
Grey	55	1,316	39	1,856	94	770
Haldimand-						
Norfolk	52	1,720	12	7,451	64	1,397
Haliburton	6	1,810	-	-	6	1,810
Halton	225	1,025	153	1,507	378	610
Hastings	81	1,310	58	1,830	139	763
Huron	41	1,367	7	8,007	48	1,168
Kenora	56	1,030	11	5,242	67	861
Kent	88	1,207	34	3,124	122	871
Lambton	76	1,611	67	1,827	143	856
Lanark	53	838	9	4,937	62	717
Leeds &						
Grenville	79	1,001	34	2,325	113	700
Lennox &						
Addington	24	1,378	4	8,266	28	1,181
Manitoulin	8	1,369	-	-	8	1,369
Middlesex	476	660	450	698	926	339
Muskoka	38	965	10	3,660	48	764
R.M. of Niagara	286	1,281	173	2,117	459	798
Nipissing	61	1,312	39	2,053	100	800
Northumberland	33	1,954	8	8,061	41	1,573
Ottawa-						
Carleton	671	789	672	788	1,343	394
Oxford	62	1,374	26	3,276	88	968
Parry Sound	29	1,134	8	4,111	37	889
Peel	281	1,429	151	2,659	432	930
Perth	55	1,211	24	2,774	79	843
Peterborough	74	1,348	92	1,084	166	601
Prescott &						
Russell	33	1,525	3	16,776	36	1,398
Prince Edward	16	1,421	5	4,548	21	1,083
Rainy River	20	1,213	3	8,086	23	1,055
Renfrew	68	1,295	25	3,521	93	947
Simcoe	190	1,121	72	2,958	262	813
Stormont,						
Dundas &						
Glengarry	72	1,386	40	2,495	112	891
Sudbury	120	1,618	84	2,311	204	952
Thunder Bay	100	1,491	87	1,714	187	797
Timiskaming	41	1,031	7	6,040	48	881
Victoria	34	1,326	12	3,757	46	980
Waterloo	258	1,149	215	1,378	473	626
Wellington	94	1,358	78	1,636	172	742
Hamilton-						
Wentworth	441	932	424	970	865	475
York (includes						
Metro Toronto)	2,944	800	2,773	849	5,717	412

Figures based on December 31st physician registration.

County ratios are obtained by using December 31, 1977 physician figures with June 1978 county population.

Source: Ministry of Health, Health Manpower Planning Section.

Table 5.3**Estimated Physicians Resident, Ontario, 1950–1977¹**

	Number	Population per Physician
1950	5,523	824
1951	5,642	835
1952	5,822	838
1953	6,119	824
1954	6,400	813
1955	6,704	798
1956	7,064	784
1957	7,240	793
1958	7,409	797
1959	7,600	796
1960	7,908	782
1961	8,136	775
1962	8,236	780
1963	8,478	775
1964	8,759	767
1965	8,950	769
1966	9,366	755
1967	9,702	746
1968	10,242	722
1969	10,885	694
1970	11,554	665
1971	12,445	625
1972	12,836	615
1973	13,343	602
1974	13,885	583
1975	14,523	566
1976	14,643	564
1977	14,927	561

1) All figures as of December 31st. The numbers shown for years prior to 1971 reflect total registration less an estimate of the number of physicians non-resident in the province.

Source: Ministry of Health, Health Manpower Planning Section.

Table 5-4
Registered Nurses, Ontario, 1950-1977¹

	Total Registration	Working in Nursing in Ontario	Population per Nurse	
			Total Registration	Work in Nursing
1950	20,162	..	225	..
1951	21,396	..	220	..
1952	21,174	..	230	..
1953	23,576	..	214	..
1954	24,799	..	210	..
1955	26,315	..	203	..
1956	28,354	..	195	..
1957	29,496	..	195	..
1958	30,408	..	194	..
1959	33,409	..	181	..
1960	34,819	..	178	..
1961	38,008	..	166	..
1962	41,036	..	157	..
1963	43,991	..	149	..
1964	46,737	..	144	..
1965	48,922	..	141	..
1966	50,793	32,764	139	216
1967	54,513	34,183	133	212
1968	59,115	34,413	125	198
1969	62,801	41,091	120	184
1970	66,125	43,665	116	176
1971	70,515	43,624	110	178
1972	74,874	43,486	105	182
1973	78,054	45,502	103	176
1974	74,224	48,736	109	166
1975	77,270	51,203	106	161
1976	88,966	55,263	93	150
1977	91,971	55,650	91	150

1) Figures as of December 31.

Source: Ministry of Health, Health Manpower Planning Section.

Table 5-5
Registered Nurses Employed, by County, Ontario, 1977

	Estimated Population ¹	Registered Nurses Employed ²	Ratio per 100,000
Ontario	8,373,500	55,650	664.6
Algoma	124,416	745	598.8
Brant	101,118	679	635.9
Bruce	57,942	198	341.7
Cochrane	96,605	502	519.6
Dufferin	29,055	150	567.9
R.M. of Durham	256,574	1,501	535.0
Elgin	69,194	494	713.9
Essex	311,776	1,845	591.8
Frontenac	112,420	1,254	1,115.5
Grey	72,368	604	834.6
Haldimand-Norfolk	89,414	379	423.9
Haliburton	10,861	30	276.2
Halton	230,521	1,120	485.9
Hastings	106,122	699	658.7
Huron	56,051	301	537.0
Kenora	57,667	323	560.1
Kent	106,214	696	655.3
Lambton	122,441	791	646.0
Lanark	44,430	363	817.0
Leeds & Grenville	79,052	624	789.4
Lennox & Addington	33,064	113	341.8
Manitoulin	10,952	37	337.8
Middlesex	314,018	3,154	1,004.4
Muskoka	36,660	213	581.0
R.M. of Niagara	366,295	2,041	557.2
Nipissing	80,048	563	703.3
Northumberland	64,489	321	497.8
Ottawa-Carleton	529,275	4,736	894.8
Oxford	85,186	513	602.2
Parry Sound	32,890	126	383.1
Peel	401,559	1,460	363.6
Perth	66,584	475	713.4
Peterborough	99,738	766	768.0
Prescott & Russell	50,328	149	296.1
Prince Edward	22,741	96	422.1
Rainy River	24,257	110	453.5
Renfrew	88,026	585	664.6
Simcoe	212,940	1,281	601.6
Stormont, Dundas & Glengarry	99,813	702	703.3
Sudbury	194,164	1,055	543.4
Thunder Bay	149,114	1,110	744.4
Timiskaming	42,283	279	659.8
Victoria	45,080	232	514.6
Waterloo	296,313	1,619	546.4
Wellington	127,616	885	693.5
Hamilton-Wentworth	411,128	3,213	781.5
York (includes Metro Toronto)	2,354,698	16,518	701.5

1) Population estimates June, 1978 (Treasury and Economics)

2) Registered nursing assistants employed as at December 31, 1977.

Table 5.6**Registered Nursing Assistants Employed, by County, Ontario, 1977**

	Estimated Population ¹	RNA'S Employed ²	Ratio per 100,000
Ontario	8,373,500	20,130	240.4
Algoma	124,416	303	243.5
Brant	101,118	333	329.3
Bruce	57,942	110	189.8
Cochrane	96,605	230	238.1
Dufferin	29,055	77	265.0
R.M. of Durham	256,574	626	244.0
Elgin	69,194	421	608.4
Essex	311,776	537	172.2
Frontenac	112,420	510	453.7
Grey	72,368	291	402.1
Haldimand-Norfolk	89,414	203	227.0
Haliburton	10,861	11	101.3
Halton	230,521	357	154.9
Hastings	106,122	226	213.0
Huron	56,051	233	415.7
Kenora	57,667	230	398.8
Kent	106,214	297	279.6
Lambton	122,441	310	253.2
Lanark	44,430	244	549.2
Leeds & Grenville	79,052	397	502.2
Lennox & Addington	33,064	50	151.2
Manitoulin	10,952	34	310.4
Middlesex	314,018	1,310	417.2
Muskoka	36,660	98	267.3
R.M. of Niagara	366,295	757	206.7
Nipissing	80,048	394	492.2
Northumberland	64,489	132	204.7
Ottawa-Carleton	529,275	940	177.6
Oxford	85,186	273	320.5
Parry Sound	32,890	104	316.2
Peel	401,559	420	104.6
Perth	66,584	226	339.4
Peterborough	99,738	281	281.7
Prescott & Russell	50,328	97	192.7
Prince Edward	22,741	57	250.6
Rainy River	24,257	140	577.2
Renfrew	88,026	229	260.2
Simcoe	212,940	603	283.2
Stormont, Dundas & Glengarry	99,813	233	233.4
Sudbury	194,164	412	212.2
Thunder Bay	149,114	659	441.9
Timiskaming	42,283	178	421.0
Victoria	45,080	113	250.7
Waterloo	296,313	568	191.7
Wellington	127,616	388	304.0
Hamilton-Wentworth	411,128	1,307	317.9
York (includes Metro Toronto)	2,354,698	4,181	176.6

¹ Population estimates June, 1978 (Treasury and Economics)² Registered nursing assistants employed as at December 31, 1977

Source: Ministry of Health, Health Manpower Planning Section.

Table 5-7
Dentists Licenced to Practice, Ontario, 1950–1977¹

	Number ²	Population per Dentist
1950	2,103	2,161
1951	2,154	2,186
1952	2,218	2,199
1953	2,220	2,271
1954	2,231	2,332
1955	2,270	2,356
1956	2,297	2,412
1957	2,370	2,424
1958	2,476	2,386
1959	2,477	2,443
1960	2,513	2,461
1961	2,522	2,499
1962	2,552	2,518
1963	2,599	2,527
1964	2,623	2,563
1965	2,687	2,563
1966	2,732	2,589
1967	2,810	2,577
1968	2,929	2,523
1969	3,013	2,508
1970	3,227	2,340
1971	3,211	2,399
1972	3,461	2,264
1973	3,573	2,222
1974	3,625	2,233
1975	3,902	2,108
1976	4,085	2,023
1977	4,085	2,046

1) Figures as of December 31. Data for 1950 to 1969 were obtained from Canadian Dental Association. Data for 1970 to 1976 were obtained from the Royal College of Dental Surgeons of Ontario.

2) The total number of licenced dentists has been assumed as resident in Ontario.

Source: Ministry of Health, Health Manpower Planning Section.

Table 5-8
Dentists, by County, Ontario, 1977

	Estimated Population ¹	Dentists ²	Population Ratio
Ontario	8,373,500	4,085	2,052
Algoma	124,416	54	2,304
Brant	101,118	36	2,809
Bruce	57,942	18	3,219
Cochrane	96,605	16	6,038
Dufferin	29,055	14	2,075
R.M. of Durham	256,574	110	2,332
Elgin	69,194	17	4,070
Essex	311,776	134	2,327
Frontenac	112,420	59	1,905
Grey	72,368	28	2,585
Haldimand-Norfolk	89,414	26	3,439
Haliburton	10,861	2	5,431
Halton	230,521	119	1,937
Hastings	106,122	48	2,211
Huron	56,051	17	3,297
Kenora	57,667	17	3,392
Kent	106,214	37	2,871
Lambton	122,441	43	2,847
Lanark	44,430	15	2,962
Leeds & Grenville	79,052	30	2,635
Lennox & Addington	33,064	4	8,266
Manitoulin	10,952	3	3,651
Middlesex	314,018	219	1,434
Muskoka	36,660	14	2,619
R.M. of Niagara	366,295	157	2,333
Nipissing	80,048	31	2,582
Northumberland	64,489	19	3,394
Ottawa-Carleton	529,275	302	1,753
Oxford	85,186	37	2,302
Parry Sound	32,890	13	2,530
Peel	401,559	155	2,591
Perth	66,584	21	3,171
Peterborough	99,738	43	2,319
Prescott & Russell	50,328	13	3,871
Prince Edward	22,741	6	3,791
Rainy River	24,257	6	4,043
Renfrew	88,026	33	2,667
Simcoe	212,940	85	2,505
Stormont, Dundas & Glengarry	99,813	23	4,340
Sudbury	194,164	59	3,291
Thunder Bay	149,114	65	2,294
Timiskaming	42,283	19	2,225
Victoria	45,080	12	3,757
Waterloo	296,313	134	2,211
Wellington	127,616	59	2,163
Hamilton-Wentworth	411,128	206	1,996
York (includes Metro Toronto)	2,354,698	1,507	1,563

¹ Population Estimates June, 1978 (Treasury and Economics)

² Royal College of Dental Surgeons of Ontario Statistical Report.

Source: Ministry of Health Manpower Planning Section.

Table 5.9
Expenditures on Health, Canada and Ontario, 1960–1976

	Total	Hospital Care ^r	Physicians' Services	Dentists' Services	Prescribed Drugs	Other Health Expense ^r
\$ million						
Canada						
1960	2,155.1	834.9	355.0	109.6	132.6	723.0
1961	2,348.8	930.6 ^r	388.3	116.7	135.8	777.4 ^r
1962	2,533.2	1,031.7	406.1	121.5	144.4	829.5
1963	2,769.5	1,150.3	453.4	136.9	161.7	867.2
1964	3,017.2	1,273.4	495.7	147.8	178.6	921.7
1965	3,362.1	1,434.3	545.1	160.1	211.5	1,011.1
1966	3,770.9	1,637.6	605.2	176.4	232.0	1,119.7
1967	4,244.8	1,880.7	686.2	187.2	265.5	1,225.2
1968	4,814.2	2,179.9	788.1	212.2	297.3	1,336.7
1969	5,391.6	2,456.7	901.4	241.0	331.8	1,460.7
1970	6,081.0	2,775.4	1,031.6	264.8	368.7	1,640.5
1971	6,947.8	3,095.4	1,239.8	311.2	402.5	1,898.9
1972	7,565.6	3,384.8	1,375.1	350.1	421.1	2,034.5
1973	8,455.7	3,803.6 ^r	1,472.0	418.3	466.9	2,294.9
1974	9,912.3	4,579.0	1,647.0	482.1	498.0	2,706.2
1975	11,749.2 ^r	5,533.7 ^r	1,900.5	592.3	573.7	3,149.1
1976 ^p	13,552.5	6,307.3	2,078.5	694.6	759.1	3,713.0
\$ thousand						
Ontario						
1960	828,393	306,903	142,010	49,560	47,595	282,325
1961	910,446	343,621	154,813	53,414	47,288	311,310
1962	985,366	381,729	161,701	56,627	49,110	336,199
1963	1,073,078	421,995	182,704	62,580	57,760	348,039
1964	1,157,609	463,671	203,488	68,378	63,540	358,532
1965	1,279,395	515,994	225,669	74,648	75,011	388,073
1966	1,428,536	573,922	247,925	81,813	81,223	443,653
1967	1,644,017	681,730	286,618	85,603	94,443	495,623
1968	1,899,151	803,534	331,587	97,812	117,341	548,877
1969	2,119,577	906,817	378,872	110,869	131,200	591,811
1970	2,411,183	1,032,655	448,580	123,060	137,362	669,521
1971	2,753,283	1,175,491	510,559	147,322	147,456	772,451
1972	3,023,958	1,295,435	550,382	160,530	157,060	860,551
1973	3,309,480	1,424,264	579,615 ^r	195,180	172,192	938,221
1974	3,818,140	1,707,917	650,620	211,935	190,756	1,056,911
1975	4,546,347 ^r	2,087,496	752,196	253,571	239,148	1,213,931
1976 ^p	5,160,149	2,316,580	811,836	294,377	319,391	1,417,961

Source: Health and Welfare Canada, Health Economics and Statistics.

Table 5.10

Expenditures per Person on Health, Canada and Ontario, 1960–1976

	Total	Hospital Care ^r	Physicians' Services	Dentists' Services	Prescribed Drugs	Other Health Expense ^r
Canada	Dollars					
1960	120.34	46.62	19.82	6.12	7.40	40.37
1961	128.56	50.93 ^r	21.25	6.39	7.43	42.55 ^r
1962	136.09	55.43	21.82	6.53	7.76	44.56
1963	146.04	60.66	23.91	7.22	8.53	45.73
1964	156.13	65.89	25.65	7.65	9.24	47.70
1965	170.85	72.89	27.70	8.13 ^r	10.75	51.38
1966	188.09	81.68	30.19	8.80	11.57	55.85
1967	207.96	92.14	33.62	9.17	13.01	60.02
1968	232.25	105.16	38.02	10.24	14.34	64.49
1969	256.40	116.83	42.87	11.46	15.78	69.46
1970	285.18	130.16	48.38 ^r	12.42	17.29	76.93
1971	321.78	143.36	57.42	14.41	18.64	87.95
1972	346.70	155.11	63.02	16.05 ^r	19.30	93.23
1973	383.09	172.33 ^r	66.69	18.95	21.15	103.97 ^r
1974	442.60	204.46	73.54	21.53	22.24	120.84 ^r
1975	516.98	243.49	83.62	26.06	25.24	138.56
1976 ^p	588.59	273.93	90.27	30.17	32.97	161.26
Ontario						
1960	135.20	50.09	23.18	8.09	7.77	46.08
1961	145.72	55.00	24.78	8.55	7.57	49.83
1962	154.88	60.00	25.42	8.90	7.72	52.84
1963	165.17	64.95	28.12	9.63	8.89	53.57
1964	174.18	69.77	30.62	10.29	9.56	53.95
1965	188.06	75.85	33.17	10.97	11.03	57.04
1966	204.75	82.26	35.54 ^r	11.73	11.64	63.59
1967	230.18	95.45	40.13	11.99	13.22	69.39
1968	261.03	110.44	45.58	13.44	16.13	75.44
1969	286.49	122.57	51.21	14.99	17.73	79.99
1970	318.69	136.49	59.29	16.26	18.16	88.49
1971	356.87	152.36	66.18	19.10	19.11	100.12
1972	386.65	165.64	70.37	20.53	20.08	110.03
1973	417.53	179.69	73.13	24.62	21.72	118.37
1974	473.45	211.78	80.68	26.28	23.65	131.06
1975	555.66	255.14	91.93	30.99	29.23	148.37
1976 ^p	623.35	279.84	98.07	35.56	38.58	171.29

Source: Health and Welfare Canada, Health Economics and Statistics.

Table 5.11
Number of Operating Hospitals and Their Bed Capacities, by Type of Hospital, Canada and Ontario, 1976-1978¹

Type and size of hospital	1976			1977			1978		
	Canada		Ontario	Canada		Ontario	Canada		Ontario
	Number	Beds	Number	Number	Beds	Number	Number	Beds	Number
All hospitals	1,404	197,434	358	1,389	201,413	352	1,315	184,655	315
Public	1,175	187,286	287	1,171	191,334	287	1,105	176,264	254
General and allied special	1,048	150,721	233	1,046	155,545	234	1,053	160,859	233
General	861	122,877	190	855	121,484	191	856	123,801	190
1-24 beds	214	3,307	4	210	3,253	4	205	3,173	4
25-49 beds	188	6,568	30	186	6,519	31	190	6,633	32
50-99 beds	136	9,333	39	139	9,665	38	136	9,470	36
100-199 beds	125	16,935	35	119	16,038	37	122	16,510	37
200+ beds	198	86,734	82	201	86,009	81	203	88,015	81
Allied special	187	27,844	43	191	34,061	43	197	37,058	43
Paediatric	8	3,126	2	8	2,873	2	8	2,873	2
Rehabilitation (including convalescent)	23	2,828	6	22	2,547	6	21	2,455	6
Extended care (including chronic) ⁴	117	20,193	23	122	26,981	23	127	29,921	23
Other ⁵	39	1,697	12	39	1,660	12	41	1,809	12
Hospitals for psychiatric disorders	120	36,147	54	121	35,556	53	52	15,405	21
Alcoholic ²	13	477	5	12	468	3	3	193	2
Hospital for retardates ⁷	45	15,042	27	45	14,232	29	-	-	-
Mental	41	16,900	14	36	16,506	12	32	12,955	12
Psychiatric	8	1,402	3	8	1,394	3	9	1,098	3
Other ⁶	13	2,326	5	20	2,956	6	8	1,159	4
Tuberculosis	7	418	-	4	233	-	-	-	-

Number of Operating Hospitals and Their Bed Capacities, by Type of Hospital, Canada and Ontario, 1976-1978¹

Type and size of hospital	1976			1977			1978		
	Canada		Ontario	Canada		Ontario	Canada		Ontario
	Number	Beds		Number	Beds		Number	Beds	
Proprietary	102	4,365	53	90	4,165	47	85	3,745	44
General and allied special	95	3,860	47	85	3,752	42	81	3,357	40
General	12	425	7	5	269	2	5	269	2
Allied Special	83	3,435	40	80	3,483	40	76	3,088	38
Rehabilitation and extended care (including conv. & chronic) ^{3,4}	77	3,281	37	75	3,354	37	71	2,954	35
Other	6	154	3	5	129	3	5	134	3
Hospital for psychiatric disorders	7	505	6	5	413	5	4	388	4
Alcoholic	1	23	1	1	23	1	-	-	-
Hospital for retardates	1	60	-	-	-	-	-	-	-
Mental	-	-	-	-	-	-	-	-	-
Psychiatric	3	342	3	3	342	3	3	342	3
Other ⁶	2	80	2	1	48	1	1	46	1
Federal	127	5,783	18	128	5,914	18	125	4,646	17
General and allied special	127	5,783	18	128	5,914	18	125	4,646	17
General	50	4,582	10	28	4,169	4	24	2,912	3
Allied Special	77	1,201	8	100	1,745	14	101	1,734	14
Rehabilitation and extended care (including conv. & chronic) ⁴	1	910	-	1	1,130	-	1	1,130	-
Other	76	291	8	99	615	14	100	604	14

1) Data are as of January 1st.

2) Includes the Alcoholism and Drug Addiction Research Foundation. (The Clinical Institute, Toronto).

3) Includes 21 contract nursing homes in Ontario with 202 beds in 1978, includes 22 contract nursing homes in Ontario with 477 beds in 1977 and 1976.

4) The former Tuberculosis Sanatoria in Ontario are presently included under Extended Care.

5) Includes Maternity, Orthopedic, Neurological, Cancer, Outpost hospitals, etc.

6) Includes Emotionally Disturbed Children, Epilepsy and mental other. 1976 Data also includes aged and senile.

7) Commencing in 1978, the hospitals for retardates, previously listed in this table, will be listed as Special Care Facilities.

Source: SC, Canadian Hospitals and Related Facilities.

Table 5.12Selected Summary Data of Reporting Hospitals for Adults and Children, Canada and Ontario, 1965-1977¹

	Separations ²		Patient-days ²		Paid hours ³ per patient-day		Total operating expense per patient-day	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
	\$							
Public, general ⁴ and allied special hospitals								
1965	2,988,795	994,771	34,925,891	12,490,744	13.0	12.9	31.92	32.15
1966	3,041,970	1,021,838	35,905,717	13,133,509	13.4	13.3	36.06	35.69
1967	3,086,166	1,043,269	36,806,871	13,422,942	13.9	13.6	40.38	40.41
1968	3,206,417	1,086,416	38,312,318	13,825,167	14.0	14.0	45.01	46.95
1969	3,285,094	1,152,779	38,955,666	14,236,837	13.3	13.3	50.69	52.50
1970	3,427,673	1,238,356	40,042,058	14,650,622	13.3	13.3	56.24	58.23
1971	3,556,582	1,285,855	40,908,429	14,767,512	13.3	13.6	61.58	64.99
1972	3,596,712	1,323,987	40,643,101	14,703,477	13.5	13.9	68.52	72.17
1973	3,657,620	1,350,823	40,757,455	14,370,230	13.7	14.3	77.09	81.49
1974	3,703,264	1,387,965	41,758,504	14,642,954	13.9	14.1	93.23	97.36
1975	3,701,473	1,413,307	42,844,899	14,696,385	14.2	14.3	106.48	114.51
1976 ^p	3,613,889	1,404,141	44,061,480	14,377,534	13.8	14.1	124.30	135.86
1977 ^p	3,591,221	1,319,223	46,003,562	14,622,859	13.8	14.1	133.90	148.43
Public mental hospitals								
1965	52,713	16,312	24,489,579	8,314,237	..	..	8.36	8.8
1966	54,645	17,840	23,535,843	7,833,261	..	..	10.08	10.7
1967	57,076	21,114	22,494,813	7,656,147	..	..	12.23	13.6
1968	60,279	24,547	21,523,497	7,127,566	..	..	13.84	17.2
1969	57,981	22,724	21,164,148	6,606,444	..	..	16.79	20.6
1970	59,927	23,170	20,112,599	6,268,236	..	..	19.74	24.5
1971	51,241	22,740	19,253,011	5,890,050	..	..	22.52	30.1
1972	58,486	22,903	18,022,755	5,688,407	..	..	26.22	35.0
1973	59,840	24,742	17,118,841	5,257,787	..	..	30.76	42.0
1974	58,169	25,261	15,547,115	4,950,612	..	..	38.38	57.5
1975	58,009	25,438	14,761,013	4,644,165	..	..	46.59 ^r	63.2
1976	..	..	10,872,526 ^r	4,562,973 ^r	..	..	60.47 ^r	74.8
1977	..	..	..	..	..	..	..	..
Public tuberculosis sanatoria								
1965	10,239	2,281	1,405,103	301,522	6.9	7.4	18.72	20.5
1966	9,152	2,114	1,210,111	271,492	6.6	7.6	21.76	22.1
1967	8,927	2,140	1,149,572	252,293	7.6	7.8	23.41	24.1
1968	7,900	1,882	1,000,375	209,017	7.9	8.4	27.19	29.1
1969	7,754	1,806	874,406	188,244	7.9	7.9	30.77	32.1
1970	6,344	1,698	680,198	154,104	8.8	8.8	35.85	37.1
1971	5,390	1,398	538,939	116,836	9.9	9.5	41.56	42.1
1972	3,170	-	299,339	-	10.0	-	44.95	-
1973	2,359	-	237,065	-	9.6	-	48.07	-
1974	1,224	-	113,410	-	12.4	-	65.34	-
1975	1,318	-	108,757	-	11.6	-	79.70	-
1976	..	..	..	..	..	..	..	..
1977	..	..	..	..	..	..	..	..

1) 1965-1975 data are final. Children's hospitals included in general hospitals in 1967 to 1968, excluded from this group from 1969 to 1977.

2) 1965-1972 figures for separations and patient-days are from reporting hospitals.

3) Excludes student classroom hours and medical staff.

4) Pediatric hospitals were included in general hospitals in 1966 to 1968.

Source: SC, *Hospital Statistics*.

Table 5.13

Hospital Separations, Days of Hospitalization, Hospital Separation Rates and Average Days per Stay, by Sex, Canada and Ontario, Selected Years, 1964–1976

	Canada			Ontario		
	Male	Female	Total	Male	Female	Total
Separations						
1964	1,230,306	1,852,774	3,083,080	402,742	622,706	1,025,448
1966	1,300,559	1,845,471	3,146,030	428,197	621,179	1,049,376
1968	1,349,120	1,906,045	3,255,165	440,256	641,077	1,081,333
1969	1,372,419	1,936,228	3,308,647	469,614	675,106	1,144,720
1970	1,425,126	2,024,197	3,449,323	500,893	724,976	1,225,869
1971	1,471,637	2,097,250	3,568,887	512,252	751,489	1,263,741
1972	1,510,142	2,124,564	3,634,706	546,302	787,852	1,334,154
1973	1,541,695	2,151,857	3,693,552	561,455	796,397	1,357,852
1974	1,552,728	2,162,204	3,714,932	573,249	811,011	1,384,260
1975	1,529,469	2,147,811	3,677,280	574,382	815,460	1,389,842
1976	1,512,207	2,110,933	3,623,140	573,355	801,361	1,374,716
Separation Rate per 100,000						
1964	12,724	19,469	16,069	12,193	18,968	15,570
1966	12,971	18,564	15,756	12,307	17,841	15,075
1968	12,992	18,476	15,756	12,063	17,534	14,801
1969	13,023	18,475	15,710	12,618	18,098	15,361
1970	13,335	19,011	16,168	13,140	18,954	16,052
1971	13,673	19,503	16,587	13,337	19,458	16,406
1972	13,862	19,476	16,671	14,015	20,018	17,031
1973	13,991	19,503	16,717	14,200	19,985	17,104
1974	13,874	19,286	16,582	14,216	19,969	17,103
1975	13,467	18,856	16,165	14,026	19,742	16,896
1976	13,230	18,314	15,783	13,995	19,228	16,633
Days Stay						
1964	16,226,970	20,975,411	37,202,381	5,592,950	7,742,338	13,335,288
1966	16,952,917	21,329,151	38,282,068	5,993,451	8,112,653	14,106,104
1968	16,622,512	20,792,830	37,415,342	5,334,184	7,074,975	12,409,159
1969	17,340,777	21,980,205	39,320,982	6,253,369	8,560,170	14,813,539
1970	17,714,406	22,642,613	40,357,019	6,391,488	8,638,221	15,029,709
1971	18,148,232	23,080,081	41,228,313	6,360,263	8,704,727	15,064,990
1972	18,555,261	23,471,970	42,027,231	6,564,242	8,753,646	15,317,888
1973	18,432,754	23,157,476	41,590,230	6,479,456	8,566,863	15,046,319
1974	18,442,744	23,398,745	41,841,489	6,449,433	8,679,990	15,129,423
1975	17,964,804	22,959,707	40,924,511	6,189,577	8,371,230	14,560,807
1976	17,400,375	22,218,925	39,619,300	6,071,816	8,195,487	14,267,303
Average Days per Separation						
1964	13.2	11.3	12.1	13.9	12.4	13.0
1966	13.0	11.6	12.2	14.0	13.1	13.4
1968	12.3	10.9	11.5	12.1	11.0	11.5
1969	12.6	11.4	11.9	13.3	12.7	12.9
1970	12.4	11.2	11.7	12.8	11.9	12.3
1971	12.3	11.0	11.6	12.4	11.6	11.9
1972	12.3	11.0	11.6	12.0	11.0	11.5
1973	12.0	10.8	11.3	11.5	10.8	11.1
1974	11.9	10.8	11.3	11.3	10.7	10.9
1975	11.7	10.7	11.1	10.8	10.3	10.5
1976	11.5	10.5	10.9	10.6	10.2	10.4

Source: SC, Hospital Morbidity Section, Health Division.

Table 5.14
Reported Cases of Notifiable Diseases, Canada and Ontario, 1974-1978

Disease	1974		1975		1976		1977		1978	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Diarrhoea of the newborn, epidemic	85	...	110	...	8	...	19	...	35	...
Diphtheria	173	20	103	8	109	11	124	10	119	3
Dysentery, bacillary	2,355	486	2,207	365	1,654	267	1,137	316	1,167	281
Encephalitis, western equine	-	...	14	-	-	-	5	-	-	-
Food poisoning, bacterial	381	-	215	-	206	-	59	-	188	-
(a) Staphylococcal	371	...	205	...	191	...	53	...	186	...
(b) Botulism	10	-	10	-	15	-	6	-	2	-
Hepatitis, infectious (including serum hepatitis)	5,746	890	4,541	981	4,165	952	4,851	850	3,535	845
(a) Hepatitis, infectious	5,414	779	...	...	3,550	622	4,215	558	2,719	476
(b) Hepatitis, serum	332	111	...	...	615	330	636	292	816	369
Measles	11,985	4,333	13,143	3,641	9,158	1,890	8,832	3,946	5,858	2,828
Meningitis, aseptic, due to enteroviruses	127	...	127	2	399	10	168	2	154	-
(a) Coxsackie virus	32	...	21	2	32	-	7	2	19	-
(b) ECHO virus	7	...	4	-	42	-	22	-	14	-
(c) Not specified	88	...	102	-	325	10	139	-	121	-
Meningococcal infections	365	128	268	109	261	96	241	62	347	109
Rubella (German measles)	7,732	2,600	12,032	3,471	4,167	2,062	2,159	918	3,270	1,305
Salmonella infections, other	3,910	1,108	3,456	1,064	2,929	1,376	4,228	1,970	6,693	2,796
(a) With food as vehicle	710	...	666	...	269	...	401	...	799	6
(b) Without mention of food as vehicle	3,200	1,108	2,790	1,064	2,600	1,376	3,827	1,970	5,894	2,790
Streptococcal sore throat and scarlet fever	20,274	3,448	21,643	1,944	18,512	2,015	23,480	3,426	23,408	2,287
Tuberculosis	3,354	979	...	...	2,601	686	3,197	944	2,885	878
Typhoid and paratyphoid fever	188	90	179	97	259	49	119	61	99	47
(a) Typhoid	122	64	132	81	220	39	89	49	39	17
(b) Paratyphoid	66	26	47	16	39	10	30	12	2,666	2,151
Whooping cough	1,579	798	3,387	1,856	3,002	1,492	1,988	1,138	51,629	17,445
Veneral diseases	51,479	17,782	54,758	18,868	56,344	20,151	54,287	17,982	48,751	15,859
(a) Gonococcal infections	47,680	15,614	50,752	16,551	52,262	17,480	51,233	16,199	2,856	1,576
(b) Syphilis	3,782	2,162	3,967	2,308	3,952	2,654	2,998	1,770	22	10
(c) Other	17	6	39	9	130	17	56	13	22	10

Table 5.15
Notifiable Diseases and Rates, Ontario, 1976-1978

Diseases	Reported Cases			Population Rate per 100,000			Mean Rate Per 100,000 Population	
	1976	1977	1978	1976	1977	1978	1968-1977	1973-1977
Amoebiasis	849	750	774	10.2	8.9	9.2	4.7	8.0
Anthrax	-	-	-	0.0	0.0	0.0	0.0	0.0
Brucellosis	9	12	1	0.1	0.1	--	0.1	0.1
Chickenpox	11,422	19,451	12,984	136.9	232.0	153.8	160.8	188.9
Diphtheria	11	10	2	0.1	0.1	--	0.1	0.2
Gastroenteritis	..	..	73	..	..	0.9	..	..
Giardiasis	..	..	1,732	..	..	20.5	..	..
Guillain Barré Syndrome	..	..	3	..	..	--	..	..
Influenza	6,375	7,787	9,956	76.4	83.8	117.9	92.4	81.7
Legionnaires' Disease	..	..	21	..	..	0.2	..	..
Leprosy (Hansen's Disease)	14	10	3	0.2	0.1	--	0.1	0.1
Malaria	51	53	70	0.6	0.6	0.8	0.2	0.4
Measles	1,890	3,946	2,828	22.7	47.1	33.5	50.4	40.6
Meningitis (Aseptic)	..	..	24	..	..	0.3	..	..
Meningitis (Mycotic)	..	..	1	..	..	--	..	..
Meningococcal Meningitis	96	62	111	1.1	0.7	1.3	1.0	1.3
Meningo-encephalitis	..	..	131	..	..	1.6	..	..
Mumps	2,784	4,423	5,913	33.4	52.8	70.0	91.1	86.9
Ophthalmia Neonatorum	..	..	1	..	..	--	..	..
Paratyphoid Fever	10	12	15	0.1	0.1	0.2	0.2	0.2
Pertussis	1,492	1,138	2,151	17.9	13.6	25.5	10.4	13.9
Poliomyelitis	-	-	6	0.0	0.0	0.1	--	--
Pott's Disease	-	3	1	0.0	--	--	--	--
Rabies	-	-	-	0.0	0.0	0.0	0.0	0.0
Reye's Disease	..	..	3	..	..	--	..	..
Rocky Mountain Spotted Fever	-	1	-	0.0	--	0.0	--	--
Rubella	2,062	918	1,305	24.7	10.9	15.5	33.5	23.6
Salmonellosis	1,376	1,970	2,790	16.5	23.5	33.0	15.7	16.4
Shigellosis	267	316	281	3.2	3.8	3.3	4.9	4.4
Tetanus	-	3	5	0.0	--	--	--	--
Toxoplasmosis	11	18	146	0.1	0.2	1.7	--	0.1
Trichinosis	-	10	15	0.0	0.1	0.2	--	--
Typhoid Fever	2	3	-	0.0	--	0.0	--	--
Viral Hepatitis	39	49	46	0.5	0.6	0.5	0.5	0.7
Infectious	622	558	476	7.4	6.7	5.6	17.9	9.4
Serum	330	292	369	3.9	3.5	4.4	1.9	2.9
Unspecified	87	73	103	1.0	0.9	1.2	0.9	1.9

Source: Ontario Ministry of Health, Program Advisory Branch, Communicable Disease Control

Table 5.16
Death from Cancer and Heart Disease by Sex, Canada and Ontario, 1969–1976

	Cancer		Heart Disease	
	Canada	Ontario	Canada	Ontario
1969				
Total	29,627	10,661	54,591	20,933
Male	16,480	5,907	32,976	12,333
Female	13,147	4,754	21,615	8,600
1970				
Total	30,483	10,938	55,140	21,311
Male	17,048	6,080	33,318	12,633
Female	13,435	4,858	21,822	8,678
1971				
Total	31,036	10,952	54,965	21,288
Male	17,398	6,051	33,147	12,488
Female	13,638	4,901	21,818	8,799
1972				
Total	32,265	11,679	56,228	21,755
Male	17,886	6,308	33,858	12,755
Female	14,379	5,371	22,370	9,000
1973				
Total	33,069	11,951	56,656	22,044
Male	18,393	6,521	33,774	12,755
Female	14,676	5,430	22,882	9,289
1974				
Total	33,751	12,218	58,191	22,411
Male	18,655	6,568	34,590	12,977
Female	15,096	5,650	23,601	9,434
1975 ^a				
Total	34,019	12,362	56,970	22,055
Male	19,057	6,755	33,907	12,744
Female	14,962	5,607	23,063	9,311
1976				
Total	34,832	12,657	58,010	22,244
Male	19,529	6,980	34,576	12,899
Female	15,303	5,677	23,434	9,345

Source: SC, *Vital Statistics*.

Table 5.17
Deaths from all Forms of Tuberculosis and Rates, Canada and Ontario, 1950–1977

Year	Number		Rate per 100,000 Population	
	Canada	Ontario	Canada	Ontario
1950	3,679	585	26.8	13.1
1951	3,481	579	24.8	12.6
1952	2,538	398	17.6	8.3
1953	1,861	311	12.5	6.3
1954	1,593	307	10.4	6.0
1955	1,403	242	8.9	4.6
1956	1,256	221	7.8	4.1
1957	1,183	221	7.1	3.9
1958	1,027	186	6.0	3.2
1959	959	166	5.5	2.8
1960	823	157	4.6	2.6
1961	769	137	4.2	2.2
1962	785	164	4.2	2.6
1963	756	153	4.0	2.5
1964	670	146	3.5	2.2
1965	697	148	3.6	2.2
1966	669	132	3.3	1.9
1967	658	144	3.2	2.0
1968	630	129	3.0	1.8
1969	526	96	2.5	1.3
1970	527	102	2.5	1.3
1971	447	85	2.1	1.1
1972	453	84	2.1	1.1
1973	408	86	1.8	1.1
1974	330	78	1.5	1.0
1975	278	68	1.2	0.8
1976	264	63	1.1	0.8
1977	179	34	0.8	0.4

Source: SC, *Tuberculosis Statistics, Vol. I, Tuberculosis Morbidity and Mortality*.

Table 5.18**Notified Cases of Active Tuberculosis, by County, Ontario, 1977**

	Total Cases 1977	Notified		Percent Notified 1973-1977
		Number 1977	Percent	
Ontario	944	793	84.0	85.1
Algoma	7	5	71.4	75.4
Brant	4	4	100.0	40.9
Bruce	9	7	77.8	68.4
Cochrane	14	9	64.3	75.7
Dufferin	1	1	100.0	75.0
Dundas	2	2	100.0	80.0
Durham ¹	9	8	86.9	91.9
Elgin	4	2	50.0	66.7
Essex	33	27	81.8	90.9
Frontenac	7	5	71.4	85.4
Glengarry	4	4	100.0	90.9
Grenville	1	1	100.0	80.0
Grey	7	6	85.7	90.0
Haldimand-Norfolk ²	8	8	100.0	73.5
Haliburton	2	2	100.0	100.0
Halton	15	13	86.7	64.7
Hamilton-Wentworth	36	30	83.3	71.8
Hastings	10	8	80.0	74.5
Huron	5	3	60.0	77.8
Kenora ³	26	20	76.9	83.2
Kent	7	5	71.4	74.2
Lambton	8	6	75.0	74.3
Lanark	2	—	—	25.0
Leeds	4	3	75.0	60.0
Lennox & Addington	2	1	50.0	50.0
Manitoulin	2	2	100.0	100.0
Middlesex	18	15	83.3	76.2
Muskoka	1	1	100.0	75.0
Niagara ⁴	30	22	73.3	74.7
Nipissing	4	—	—	14.3
Northumberland	2	1	50.0	45.5
Ottawa-Carleton	44	43	97.7	93.1
Oxford	4	3	75.0	30.0
Parry Sound	2	2	100.0	55.6
Peel	37	31	83.8	72.7
Perth	1	—	—	60.0
Peterborough	8	7	87.5	82.6
Prescott	4	4	100	66.7
Prince Edward	—	—	—	84.6
Rainy River	16	16	100.0	95.9
Renfrew	1	—	—	63.0
Russell	2	2	100.0	100.0
Simcoe	11	8	72.7	80.0
Stormont	3	2	66.7	78.6
Sudbury	11	9	81.8	90.9
Thunder Bay	24	15	62.5	78.6
Timiskaming	8	7	87.5	91.7
Victoria	1	1	100.0	87.1
Waterloo	20	16	80.0	89.5
Wellington	5	2	40.0	82.6
Metro Toronto	435	387	89.0	92.5
York	13	8	61.5	64.6
No Fixed Address, etc.	9	9	100.0	84.6

1) The Regional Municipality of Durham was formed January 1, 1974 by the amalgamation of Durham and Ontario Counties.

2) The Regional Municipality of Haldimand-Norfolk was formed April 1, 1974 by the amalgamation of Haldimand and Norfolk Counties.

3) Kenora includes the County of Kenora and District of Patricia.

4) The Regional Municipality of Niagara was formed January 1, 1970 by the amalgamation of Lincoln and Welland Counties.

Table 5.19
Tuberculosis by Site and Type of Disease Among Canadian-born, Registered Indians and Foreign-born, Ontario, 1977

	Canadian-born (excluding Indians)		Canadian Indians		Foreign-born		Total ¹	
	No.	%	No.	%	No.	%	No.	%
Respiratory	276	39.1	41	5.8	389	55.1	706	100.0
Post-Primary	231	37.4	38	5.1	349	56.5	618	100.0
Far Advanced	28	37.8	7	9.5	39	52.7	74	100.0
Moderately Advanced	101	42.3	17	7.1	121	50.6	239	100.0
Minimal & Extent Unspecified	102	33.4	14	4.6	189	62.0	305	100.0
Primary	19	79.2	1	4.2	4	16.7	24	100.0
Miliary	3	42.9	1	14.3	3	42.9	7	100.0
Pleurisy	18	37.5	1	2.1	29	60.4	48	100.0
Other								
Respiratory	5	55.6	—	—	4	44.4	9	100.0
Non-Respiratory	50	22.6	10	4.5	161	72.9	221	100.0
Genito-Urinary	23	30.7	2	2.7	50	66.7	75	100.0
Lymph Gland	12	13.0	5	5.4	75	61.5	92	100.0
Bone and Joint	5	25.0	—	—	15	75.0	20	100.0
Central Nervous System	3	33.3	1	11.1	5	55.6	9	100.0
Alimentary	3	27.3	2	18.2	6	54.5	11	100.0
Skin	2	28.6	—	—	5	71.4	7	100.0
Other Organs	2	28.6	—	—	5	71.4	7	100.0
Total, all cases	326	35.2	51	5.5	550	59.3	927	100.0

¹ Excludes 17 cases in which country of birth was not known.

Source: Ministry of Health, *Tuberculosis in Ontario* 1977.

Table 5.20
Deaths Attributed to Tuberculosis, Ontario, 1977

Age Group	Males			Females			Total		
	Number	Population ¹	Rate per 100,000	Number	Population ¹	Rate per 100,000	Number	Population ¹	Rate per 100,000
0-9	—	662,705	—	—	629,951	—	—	1,292,656	—
10-24	—	1,205,670	—	1	1,176,179	.08	1	2,381,849	.04
25-34	—	661,326	—	1	659,669	0.2	1	1,320,995	.07
35-44	—	494,599	—	2	483,413	0.4	2	978,012	.02
45-54	—	472,103	—	1	476,755	.02	1	948,858	.01
55-64	4	340,460	1.2	1	363,397	0.3	5	703,857	0.7
65-69	8	121,879	6.6	4	142,003	2.8	12	263,882	4.5
70+	19	191,779	9.9	11	291,612	3.8	30	483,391	6.2
Total	31	4,150,521	0.7	21	4,222,979	0.5	52	8,373,500	0.6

¹ Population estimates for 1977 provided by Ontario Ministry of Treasury and Economics.

Source: Ministry of Health, *Tuberculosis in Ontario*, 1977.

Table 5.21
Types of Psychiatric Inpatient Facilities Reporting, Canada and Ontario, 1974-1977

Type of institution	1974		1975		1976 ^r		1977 ^p	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
All institutions	333	122	365	135	372	143	382	148
Public mental hospital	43	15	46	15	45	14	42	13
Private mental hospital	-	-	-	-	-	-	-	-
Public psychiatric hospital	11	4	10	3	10	3	10	3
Private psychiatric hospital	3	3	3	3	3	3	3	3
Aged and senile home	6	-	5	-	5	-	5	-
Public psychiatric unit	116	48	129	50	135	53	148	60
Federal psychiatric unit	8	2	7	2	7	2	6	1
Public hospital for addicts	15	3	19	3	20	4	20	4
Private hospital for addicts	1	-	1	-	-	-	-	-
Public treatment centre for emotionally disturbed children	23	5	22	5	22	5	58 ¹	29 ¹
Private treatment centre for emotionally disturbed children	24	13	33	21	36	24	...	...
Epilepsy hospital	2	-	2	-	2	-	2	-
Public institution for the mentally retarded	71	19	78	23	77	25	88 ¹	35 ¹
Private institution for the mentally retarded	10	10	10	10	10	10	...	...

¹⁾ Includes both public and private hospitals.

Source: SC, *Mental Health Statistics*, Vol. I, *Institutional Admissions and Separations*.
Preliminary Patient Movement.

Table 5.22

Patients on the Books and Admissions of Psychiatric Facilities¹ by Age Group, Ontario, 1960-1977-78³

	Age Group							Total ²
	0-14	15-24	25-34	35-44	45-54	55-64	65 +	
Patients on the Books								
1960	2,488	2,951	3,146	3,817	4,170	3,962	5,096	25,630
1961	2,715	3,151	3,049	3,746	4,013	3,658	4,553	24,885
1962	3,077	3,424	2,920	3,640	3,491	3,207	3,690	23,449
1963	3,133	3,654	2,969	3,503	3,377	3,101	3,566	23,283
1964	3,116	3,918	2,936	3,557	3,405	3,042	3,610	23,584
1965	2,908	3,945	2,795	3,405	3,233	2,835	3,002	22,123
1966	2,768	4,172	2,760	3,077	2,998	2,591	2,799	21,165
1967	2,694	4,164	2,734	2,832	2,648	2,251	2,308	19,631
1968	2,429	3,975	2,377	2,287	2,289	1,946	1,966	17,269
1969	2,154	3,951	2,376	2,202	2,147	1,767	1,782	16,379
1970	1,942	3,949	2,355	1,987	2,033	1,612	1,558	15,436
1971	1,796	4,008	2,390	1,911	2,058	1,647	1,694	15,504
1972	1,569	3,877	2,494	1,864	2,023	1,617	1,622	15,066
1973	1,424	3,714	2,477	1,745	1,921	1,580	1,578	14,439
1974	146	720	932	922	1,181	1,047	1,213	6,161
1975	145	721	858	763	940	867	1,122	5,416
1976	132	697	914	713	809	764	1,001	5,030
1977-78 ⁴	25	711	933	637	690	680	932	4,608
Admissions								
1960	506	1,006	1,651	1,609	1,245	855	1,481	8,353
1961	896	1,242	1,743	1,873	1,418	888	1,463	9,523
1962	1,165	1,497	2,086	2,254	1,584	1,042	1,654	11,282
1963	966	1,738	2,394	2,550	1,640	1,092	1,624	12,004
1964	977	1,911	2,374	2,565	1,735	1,134	1,585	12,281
1965	787	1,910	2,345	2,673	1,949	1,268	1,615	12,547
1966	958	2,284	2,694	3,139	2,224	1,404	1,782	14,485
1967	1,177	2,481	2,966	3,360	2,527	1,686	1,924	16,121
1968	1,339	2,875	3,268	3,520	2,796	1,786	1,915	17,499
1969	1,281	3,177	3,262	3,641	2,753	1,616	1,573	17,303
1970	1,299	3,425	3,221	3,436	2,685	1,535	1,370	16,971
1971	1,369	3,657	3,179	3,311	2,715	1,619	1,456	17,306
1972	1,286	3,572	3,352	3,283	2,902	1,609	1,298	17,302
1973	1,519	3,588	3,344	3,162	2,968	1,723	1,603	17,907
1974	479	3,349	3,343	3,017	2,707	1,462	1,372	15,729
1975	489	3,249	3,554	2,915	2,623	1,606	1,325	15,761
1976	403	2,916	3,244	2,431	2,293	1,379	1,244	13,910
1977-78 ⁴	370	3,305	3,934	2,859	2,599	1,608	1,374	16,049

¹ Includes Psychiatric Hospitals and Facilities for the Retarded.

² Includes patients for whom the age was not stated.

³ Figures do not include facilities for the retarded starting in 1974.

⁴ 15 month period-Jan. 1, 1977 to March 31, 1978.

Source: Ministry of Health, *Hospital Statistics, Mental Health Services*.

Table 5.23
Psychiatric Inpatient Facilities, First Admissions¹, Canada and Ontario, Selected Years, 1951–1976

	Canada	Ontario
	Rate per 100,000 Population	
1951	78	80
1961	153	177
1967	200	216
1968	210	233
1969	220	260
1970	241	287
1971	260	302
1972	247	310
1973	248	310
1974	268	341
1975	275	341
1976 ¹	261	323

1) First admission is defined as the admission to a psychiatric inpatient facility of a person who has no record of previous care in any such facility.

Source: SC, *Mental Health Statistics, Vol. I, Institutional Admissions and Separations*.

Table 5.24
Psychiatric Inpatient Facilities, Readmissions¹, Canada and Ontario, Selected Years, 1951–1976

	Canada	Ontario
1951	3,572	1,153
1961	17,661	6,113
1967	41,817	15,407
1968	44,777	17,749
1969	46,477	18,679
1970	50,180	20,572
1971	50,144	22,223
1972	52,283	23,029
1973	57,043	24,464
1974	61,197	24,992
1975	63,357	26,334
1976 ¹	65,849	28,303

1) Readmission is defined as the admission of a person to a psychiatric inpatient facility who has a record of previous care in any such facility. In 1976, transfers-in were included with the readmission counts.

Source: SC, *Mental Health Statistics, Vol. I, Institutional Admissions and Separations*.

Table 5.25

Average Daily Population of Mental Retardation Facilities¹ and Psychiatric Institutions², Ontario, 1950–1978

Year	Average Daily Population In Facilities and Institutions ³	Average Daily Population On Books
1950	16,867	18,726
1951	17,333	19,239
1952	17,871	20,073
1953	18,439	20,631
1954	19,308	21,526
1955	19,899	22,284
1956	20,305	22,879
1957	21,025	23,900
1958	20,998	24,022
1959	21,360	24,907
1960	21,593	25,263
1961	21,369	25,432
1962	19,489	23,227
1963	19,321	22,869
1964	19,565	22,775
1965	18,719	21,887
1966	18,142	20,366
1967	17,722	20,846
1968	16,111	18,187
1969	15,128	16,787
1970	14,538	15,935
1971	14,112	15,597
1972	13,783	15,323
1973	13,741	15,093
1974	12,625 ⁴	13,816 ⁵
1975	11,859 ⁴	12,965 ⁵
1976	11,160 ⁴	12,128 ⁵
1977	10,520	11,451
1978	9,894	10,797

¹ Since 1974 Mental Retardation facilities have been administered by the Ministry of Community and Social Services under the Developmental Services Act 1974.

² The Psychiatric Institutions are administered by the Ministry of Health which also administered Mental Retardation Facilities prior to 1974. Up to 1974 both types of service were administered under the Mental Health Act.

³ Excludes patients in approved homes.

⁴ The average daily population in Psychiatric Institutions, 1974 through 1978 was 5,899; 5,125; 4,581; 4,329; 4,009 respectively.

⁵ The average daily population on the books in the Psychiatric Institutions 1974 through 1978 was 6,567; 5,752; 4,569; 4,853; 4,513 respectively.

Source: Ministry of Community and Social Services, Mental Retardation Facilities Division.

Ministry of Health, *Hospital Statistics* and Ministry of Health, Psychiatric Hospitals Branch.

Table 5.26
Patients on the Books of Psychiatric Hospitals by Diagnosis, Ontario, 1977-78

Diagnosis	In Hospital	In Approved Homes	On Leave of Absence	Total on Books		Rate per 100,000 Population
				Number	Per Cent	
With psychosis	2,777	126	229	3,132	68.0	37.4
Senile and presenile dementia	270	1	5	276	6.0	3.3
Alcoholic psychosis	101	2	5	108	2.3	1.3
Psychosis with intracranial infection	21	1	—	22	0.5	0.3
Psychosis with other cerebral condition	173	1	6	180	3.9	2.1
Psychosis with other physical condition	36	1	4	41	0.9	0.5
Schizophrenia	1,758	100	151	2,009	43.6	24.0
Affective psychoses	280	13	38	331	7.2	4.0
Paranoid states	42	4	4	50	1.1	0.6
Other psychoses	36	2	9	47	1.0	0.6
Unspecified psychosis	60	1	7	68	1.5	0.8
Without psychosis	1,345	32	99	1,476	32.0	17.6
Neuroses	168	13	24	205	4.4	2.4
Alcoholism	180	1	12	193	4.2	2.3
Mental retardation	327	2	10	339	7.4	4.0
Epilepsy	41	1	4	46	1.0	0.5
All other without psychosis	629	15	49	693	15.0	8.3
Total, all cases	4,122	158	328	4,608	100.0	55.0

Source: Ministry of Health, *Hospital Statistics*.

Table 5.27Discharges and Discharge Rates from Psychiatric Facilities¹ by Age Group, Ontario, 1958–1977-78²

Year	Age Group							Total
	0-14	15-24	25-34	35-44	45-54	55-64	65 +	
Number of Persons								
1958	55	755	1,331	1,217	924	587	514	5,383
1959	27	747	1,354	1,348	999	586	508	5,569
1960	75	857	1,515	1,520	1,063	726	561	6,317
1961	326	1,037	1,720	1,920	1,457	1,029	1,287	8,776
1962	412	1,253	2,137	2,382	1,957	1,415	1,815	11,371
1963	455	1,586	2,332	2,527	1,735	1,168	1,098	10,901
1964	528	1,734	2,308	2,515	1,702	1,061	1,010	10,858
1965	546	1,947	2,446	2,784	2,044	1,410	1,728	12,905
1966	561	2,188	2,757	3,397	2,425	1,600	1,546	14,474
1967	858	2,464	3,037	3,533	2,843	1,993	2,006	16,734
1968	1,015	3,166	3,670	3,960	3,153	2,124	1,913	19,001
1969	1,306	3,240	3,321	3,689	3,872	1,715	1,356	17,499
1970	1,108	3,493	3,324	3,575	2,791	1,657	1,336	17,284
1971	1,137	3,597	3,274	3,315	2,673	1,555	1,110	16,661
1972	1,148	3,660	3,408	3,259	2,950	1,579	1,158	17,162
1973	1,341	3,715	3,450	3,260	3,015	1,757	1,456	17,994
1974	432	3,339	3,366	3,095	2,950	1,669	1,412	16,263
1975	443	3,198	3,637	3,049	2,857	1,711	1,279	16,174
1976	384	2,900	3,229	2,490	2,372	1,455	1,200	14,030
1977-78 ³	388	3,164	3,982	2,952	2,668	1,653	1,257	16,064
Rate per 100,000 Population								
1958	3.0	97.8	148.7	150.7	149.6	131.7	108.6	92.5
1959	1.4	95.1	151.2	162.4	156.6	128.0	104.5	93.3
1960	3.8	106.4	169.9	178.8	162.1	155.2	113.0	103.4
1961	16.2	125.9	194.9	221.6	217.3	215.8	253.3	140.7
1962	20.1	146.9	246.9	269.9	286.1	290.5	350.3	179.3
1963	21.8	177.6	274.9	282.0	249.2	234.7	208.4	169.1
1964	24.9	183.3	273.6	275.3	239.8	207.5	187.5	164.9
1965	25.3	194.3	289.4	299.6	281.6	268.3	314.6	191.7
1966	25.4	201.8	312.9	360.6	325.8	297.7	272.3	207.9
1967	38.5	214.1	332.3	369.4	370.5	359.9	345.6	234.1
1968	45.4	261.4	388.4	411.7	399.1	372.0	322.3	260.1
1969	58.5	255.8	339.6	383.0	352.8	291.2	223.2	234.8
1970	49.4	262.6	324.1	369.4	332.4	273.0	214.6	226.3
1971	51.5	259.2	313.2	351.7	314.1	249.4	172.2	216.3
1972	52.1	256.6	311.6	345.9	338.4	247.7	175.4	219.1
1973	61.5	258.6	295.9	343.3	336.6	273.2	217.8	226.6
1974	20.1	225.6	271.4	325.8	320.6	256.8	204.6	201.0
1975	20.7	208.9	283.8	314.5	307.4	256.3	183.2	196.6
1976	18.5	186.8	248.0	258.1	253.2	209.2	162.5	169.8
1977-78 ⁴	14.7	160.9	241.2	241.5	224.9	187.8	134.6	153.5

¹ Includes Psychiatric Hospitals and Facilities for the Retarded.² Figures do not include facilities for the Retarded, in 1974 and subsequent years.³ Figures are for 15 month period Jan. 1, 1977 to March 31, 1978.⁴ These rates are calculated using 80% of the discharges for 15 months to estimate the rates for a 12 month periodSource: Ministry of Health, *Hospital Statistics*.

Table 5.28
Discharges and Deaths by Length of Time on Books of Psychiatric Hospitals from Time of Admission and Diagnosis, Ontario, 1977-78¹

Diagnosis	Length of Time on Books							
	Less than 1 month		1-3 months		4-7 months		8-11 months	
	Dis-charges	Deaths	Dis-charges	Deaths	Dis-charges	Deaths	Dis-charges	Deaths
With psychosis	2,210	113	2,753	35	845	16	280	14
Senile and presenile dementia	63	55	78	15	45	5	19	6
Alcoholic psychosis	96	8	76	3	26	1	13	-
Psychosis with intracranial infection	1	1	3	-	-	-	-	-
Psychosis with other cerebral condition	37	10	63	4	25	3	15	5
Psychosis with other physical condition	53	2	57	1	15	-	3	-
Schizophrenia	1,343	25	1,649	6	548	7	194	2
Affective psychoses	418	5	623	4	137	-	30	1
Paranoid states	54	1	90	-	22	-	3	-
Other psychoses	95	3	81	1	15	-	3	-
Unspecified psychosis	50	3	33	1	12	-	-	-
Without psychosis	4,506	43	2,142	18	470	7	165	3
Neuroses	740	5	453	5	87	1	16	1
Alcoholism	1,879	6	651	2	44	-	13	-
Mental retardation	174	10	166	2	52	-	34	1
Epilepsy	11	-	8	-	2	-	4	-
All other without psychosis	1,702	22	864	9	285	6	98	1
Total, all cases	6,716	156	4,895	53	1,315	23	445	17

Table 5.28 (cont'd)
Discharges and Deaths by Length of Time on Books of Psychiatric Hospitals from Time of Admission and Diagnosis, Ontario, 1977-78¹

Diagnosis	Length of time on books							
	1-2 years		3-4 years		5 years and over		Total	
	Dis-charges	Deaths	Dis-charges	Deaths	Dis-charges	Deaths	Dis-charges	Deaths
With psychosis	400	33	95	23	786	36	7,369	270
Senile and presenile dementia	31	15	6	12	28	11	270	119
Alcoholic psychosis	21	-	4	2	28	3	264	17
Psychosis with intracranial infection	3	1	-	1	2	-	9	3
Psychosis with other cerebral condition	30	6	6	1	17	4	193	33
Psychosis with other physical condition	3	-	-	-	17	-	148	3
Schizophrenia	257	6	73	6	500	15	4,564	67
Affective psychoses	46	2	6	1	128	3	1,388	16
Paranoid states	4	2	-	-	31	-	204	3
Other psychoses	3	-	-	-	22	-	219	4
Unspecified psychosis	2	1	-	-	13	-	110	5
Without psychosis	188	13	25	8	1,199	7	8,695	99
Neuroses	21	2	5	1	194	-	1,516	15
Alcoholism	13	2	5	-	470	-	3,075	10
Mental retardation	47	2	9	1	84	4	566	20
Epilepsy	2	-	-	-	3	-	30	-
All other without psychosis	105	7	6	6	448	3	3,508	54
Total, all cases	588	46	120	31	1,985	43	16,064	369

¹ 15 month period Jan. 1, 1977 to March 31, 1978.

Source: Ministry of Health, *Hospital Statistics*.

Table 5.29
OHIP Claim Payments by Category Distribution¹ and Service, Ontario, 1973-74 to 1977-78

Services	Category Distribution							
	Welfare		Full Premium		Partial Assistance		Full Assistance	
	\$ '000's	%	\$ '000's	%	\$ '000's	%	\$ '000's	%
April 1, 1973- March 31, 1974								
Medical	23,081	97	80,960	94	1,630	92	16,147	93
Dental	279	1	954	1	26	1	287	2
Optometric	234	1	1,083	1	28	2	251	2
Chiropractic	318	1	3,163	4	80	5	577	3
Osteopathic	5	-	98	-	2	-	13	-
Chiropody	47	-	254	-	4	-	34	-
Total	23,964	100	86,512	100	1,770	100	17,309	100
April 1, 1974- March 31, 1975								
Medical	26,885	97	95,737	94	1,621	92	16,523	93
Dental	287	1	1,052	1	23	1	276	2
Optometric	343	1	1,534	2	35	2	318	2
Chiropractic	337	1	3,310	3	75	5	518	3
Osteopathic	5	-	94	-	1	-	11	-
Chiropody	47	-	279	-	3	-	36	-
Total	27,904	100	102,006	100	1,758	100	17,682	100
April 1, 1975- March 31, 1976 ^r								
Medical	32,745	96	110,841	94	1,506	93	18,250	94
Dental	321	1	1,199	1	18	1	289	1
Optometric	513	2	1,969	2	33	2	371	2
Chiropractic	402	1	3,658	3	55	4	526	3
Osteopathic	6	-	89	-	1	-	9	-
Chiropody	54	-	295	-	3	-	38	-
Total	34,041	100	118,051	100	1,616	100	19,483	100
April 1, 1976- March 31, 1977 ^r								
Medical	36,137	97	116,641	94	153	93	23,509	94
Dental	164	-	847	1	1	1	248	1
Optometric	522	2	2,104	2	4	2	471	2
Chiropractic	443	1	3,915	3	6	4	665	3
Osteopathic	4	-	78	-	-	-	13	-
Chiropody	56	-	259	-	-	-	38	-
Total	37,326	100	123,844	100	164	100	24,944	100
April 1, 1977- March 31, 1978								
Medical	36,966	97	115,742	94	251	93	25,903	94
Dental	109	-	658	1	1	-	235	1
Optometric	548	2	2,199	2	6	2	531	2
Chiropractic	477	1	3,706	3	13	5	772	3
Osteopathic	4	-	62	-	-	-	11	-
Chiropody	56	-	258	-	1	-	39	-
Total	38,160	100	122,625	100	272	100	27,491	100

Table 5.29 (cont'd)**OHIP Claim Payments by Category Distribution¹ and Service, Ontario, 1973-74 to 1977-78**

Services	Category Distribution							
	Group		65 & Over		D.V.A. ²		Total	
	\$ '000's	%	\$ '000's	%	\$ '000's	%	\$ '000's	%
April 1, 1973- March 31, 1974								
Medical	325,698	95	78,490	95	1,863	96	527,869	95
Dental	4,087	1	189	-	18	1	5,840	1
Optometric	4,317	1	848	1	22	1	6,783	1
Chiropractic	10,868	3	2,131	3	27	2	17,164	3
Osteopathic	324	-	143	-	1	-	586	-
Chiropody	993	-	990	1	5	-	2,327	-
Total	346,287	100	82,791	100	1,936	100	580,569	100
April 1, 1974- March 31, 1975¹								
Medical	377,757	94	94,942	96	2,476	97	615,941	94
Dental	4,242	1	216	-	18	1	6,114	1
Optometric	6,200	2	1,224	1	36	1	9,690	2
Chiropractic	11,090	3	2,204	2	32	1	17,566	3
Osteopathic	302	-	137	-	1	-	551	-
Chiropody	1,073	-	1,156	1	7	-	2,601	-
Total	400,664	100	99,879	100	2,570	100	652,463	100
April 1, 1975- March 31, 1976¹								
Medical	420,021	94	110,140	96	3,007	96	696,700	94
Dental	4,404	1	227	-	20	1	6,478	1
Optometric	7,571	2	1,517	1	46	2	12,020	2
Chiropractic	11,586	3	2,361	2	42	1	18,630	3
Osteopathic	274	-	127	-	-	-	506	-
Chiropody	1,141	-	1,297	1	9	-	2,837	-
Total	445,187	100	115,669	100	3,124	100	737,171	100
April 1, 1976- March 31, 1977¹								
Medical	446,955	95	123,832	96	3,546	96	750,773	95
Dental	2,857	-	127	-	12	-	4,256	-
Optometric	8,246	2	1,644	1	56	2	13,047	2
Chiropractic	12,422	3	2,574	2	50	2	20,075	3
Osteopathic	241	-	18	-	1	-	455	-
Chiropody	1,012	-	1,284	1	10	-	2,659	-
Total	471,733	100	129,579	100	3,675	100	791,265	100
April 1, 1977- March 31, 1978								
Medical	446,969	95	120,089	96	3,772	96	758,692	95
Dental	2,417	-	96	-	8	-	3,524	-
Optometric	8,477	2	1,741	1	67	2	13,569	2
Chiropractic	13,173	3	2,713	2	59	2	20,913	3
Osteopathic	208	-	105	-	1	-	391	-
Chiropody	1,010	-	1,358	1	11	-	2,733	-
Total	472,254	100	135,102	100	3,918	100	799,822	100

¹ Includes services for which claims have been received and approved by April 1978.² D.V.A. = Department of Veteran Affairs.Source: Ministry of Health, *OHIP Practitioner Care Statistics*.

Table 5.30
Per Capita Cost of OHIP Insured Population by Category Distribution¹ and Service, Ontario
1974-75 to 1977-78

Category Distribution								
Services	Welfare	Full Premium	Partial Assistance	Full Assistance	Group	65 & Over	D.V.A. ²	Total
April 1, 1974- March 31, 1975								
Medical	69.33 ^r	82.30 ^r	49.11	61.77 ^r	70.16 ^r	111.77 ^r	93.08 ^r	75.93 ^r
Dental	0.74	0.90	0.69	1.03	0.79	0.26 ^r	0.70	0.75
Optometric	0.88	1.32	1.07	1.19	1.15	1.44	1.36	1.19 ^r
Chiropractic	0.87	2.85 ^r	2.28	1.93 ^r	2.06	2.60	1.20	2.17 ^r
Osteopathic	0.01	0.08	0.03	0.04	0.05 ^r	0.16	0.01	0.07
Chiropody	0.12	0.24	0.09	0.14	0.20	1.36	0.25 ^r	0.32
Overall	71.95 ^r	87.69 ^r	53.27	66.10 ^r	74.41 ^r	117.59 ^r	96.60 ^r	80.43 ^r
Average Insured Population('000) ³	387.8	1,163.3	33.0	267.5	5,384.4	849.4	26.6	8,112.00
April 1, 1975- March 31, 1976 ^r								
Medical	70.95	90.53	51.95	68.66	78.67	123.56	102.64	84.52
Dental	0.70	0.98	0.62	1.09	0.82	0.25	0.68	0.79
Optometric	1.11	1.61	1.13	1.40	1.42	1.70	1.56	1.46
Chiropractic	0.87	2.99	1.89	1.98	2.17	2.65	1.43	2.26
Osteopathic	0.01	0.07	0.05	0.03	0.05	0.14	0.01	0.06
Chiropody	0.12	0.24	0.10	0.14	0.21	1.46	0.30	0.34
Overall	73.76	96.42	55.74	73.30	83.34	129.76	106.62	89.43
Average Insured Population('000) ³	461.5	1,224.3	29.0	265.8	5,341.7	89.14	29.3	8,243.0
April 1, 1976- March 31, 1977 ^r								
Medical	76.21	98.95	16.40	74.87	82.88	131.92	104.60	90.00
Dental	0.34	0.72	0.12	0.79	0.53	0.14	0.36	0.51
Optometric	1.10	1.78	0.40	1.50	1.53	1.75	1.66	1.56
Chiropractic	0.93	3.32	0.69	2.12	2.30	2.74	1.48	2.41
Osteopathic	0.01	0.07	-	0.04	0.04	0.12	0.03	0.05
Chiropody	0.12	0.22	0.04	0.12	0.19	1.37	0.29	0.32
Overall	78.71	105.06	17.65	79.44	87.47	138.04	108.42	94.85
Average Insured Population('000) ³	474.2	1,178.8	9.3	314.0	5,393.1	938.7	33.9	8,342.0
April 1, 1977 March 31, 1978								
Medical	74.94	98.38	41.09	73.80	82.80	131.21	100.87	89.83
Dental	0.22	0.56	0.18	0.67	0.45	0.10	0.20	0.42
Optometric	1.11	1.87	1.02	1.51	1.57	1.77	1.80	1.60
Chiropractic	0.97	3.15	2.13	2.20	2.44	2.76	1.59	2.48
Osteopathic	0.01	0.05	0.03	0.03	0.04	0.11	0.02	0.05
Chiropody	0.11	0.22	0.09	0.11	0.19	1.38	0.29	0.32
Overall	77.36	104.23	44.54	78.32	87.49	137.33	104.77	94.70
Average Insured Population('000) ³	493.3	1,176.5	6.1	351.0	5,397.9	983.8	37.4	8,446.0

1) Includes services for which claims have been received and approved by April, 1978.

2) D.V.A. = Department of Veteran Affairs.

3) Net certified population.

Source: Ministry of Health, *OHIP Practitioner Care Statistics*.

Table 5.31Distribution of OHIP Payments for Services rendered by Physicians¹, Ontario, 1977–78

Specialty	Number of Physicians	% of Total Physicians	Payments \$	% of Total Payments	Number of Services	% of Total Services
General Practice	6,755	51.95	348,939,900	41.75	50,650,200	48.92
General Surgery	745	5.73	49,684,500	5.95	2,329,600	2.25
Internal Medicine	1,117	8.59	79,363,100	9.50	10,968,000	10.59
Obstetrics & Gynaecology	550	4.23	42,398,600	5.07	1,903,500	1.84
Pediatrics	484	3.72	26,385,500	3.16	4,216,100	4.07
Orthopedic Surgery	263	2.02	21,257,400	2.54	898,400	0.87
Otolaryngology	212	1.63	18,215,100	2.18	1,319,600	1.27
Urology	167	1.28	12,870,400	1.54	526,900	0.51
Diagnostic Radiology	425	3.27	66,838,100	8.00	4,291,700	4.15
Anaesthesia	529	4.07	30,797,900	3.68	6,407,300	6.19
Neurology	106	0.81	6,502,100	0.78	374,900	0.36
Psychiatry	796	6.12	34,522,100	4.13	2,363,100	2.28
Ophthalmology	311	2.39	26,643,100	3.19	1,491,600	1.44
Dermatology	132	1.01	11,042,300	1.32	1,126,700	1.09
Pathology	131	1.01	43,889,500	5.25	13,925,100	13.45
Neurosurgery	62	0.50	3,752,900	0.45	121,300	0.12
Plastic Surgery	94	0.72	6,557,400	0.78	216,700	0.21
Thoracic Surgery	34	0.26	2,747,700	0.33	53,400	0.05
Physical Medicine	48	0.37	2,236,200	0.27	284,900	0.28
Therapeutic Radiology	41	0.32	1,063,300	0.13	61,100	0.06
Total	13,002	100.0	835,707,300	100.00	103,530,100	100.00

¹) Includes only those physicians who have rendered an insured service during the period April 1, 1977 to March 31, 1978.Source: Ministry of Health, *OHIP Practitioner Care Statistics*.

Table 5.32
Cigarette Smokers¹, Canada and Ontario, 1972–1975, 1977³

	Number of Cigarettes Smoked per Day	Male Population 15 years and over					Female Population 15 years and over				
		1972	1973	1974	1975	1977	1972	1973	1974	1975	1977
Per cent											
Canada	1-10	9.6	9.0	7.9	7.3	6.3	9.8	9.3	8.4	8.8	7.6
	11-25	32.2	33.3	32.1	31.3	27.9	20.7	21.3	21.0	20.6	20.4
	over 25	5.7	5.4	5.2	4.7	5.7	1.9	1.7	2.0	2.0	2.7
	Total regular smokers	47.4	47.8	45.3	43.3	40.8	32.4	32.4	31.5	31.4	31.1
Ontario	1-10	8.5	8.3	7.3	7.1	6.3	8.8	8.0	7.4	8.6	7.1
	11-25	30.1	30.9	29.8	29.2	25.9	19.3	19.9	19.1	19.8	19.1
	over 25	5.2	4.9	4.8	4.3	5.3	1.6	1.4 ²	2.0	1.7	2.3
	Total regular smokers	43.8	44.1	41.9	40.6	38.2	29.6	29.3	28.4	30.1	28.8

- 1) Cigarette Smokers refer to those who smoke cigarettes daily.
 2) Figure subject to large sample error.
 3) Occasional Survey, 1976 not done.

Source: Ministry of Health, Community Health Division.

Table 5.33
Sales of Alcoholic Beverages by Volume and Apparent Consumption, Canada and Ontario, 1971–72 to 1976–77²

	Population Age 15 Years and Over ³	Sales of Alcoholic Beverages by Volume			Amount Absolute Alcohol Sold ¹			Per Capita Absolute Alcohol Consumption Age 15 Years and Over			
		Spirits	Wine	Beer	Spirits	Wine	Beer	Spirits	Wine	Beer	Total
		'000's	'000's Gallons						Gallons		
1971-72											
Canada	15,304.1	28,952	23,151	372,326	11,580.8	3,148.5	18,616.3	0.76	0.20	1.22	2.18
Ontario	5,540.5	11,820	7,985	141,231	4,728.0	1,086.0	7,061.6	0.85	0.20	1.27	2.32
1972-73											
Canada	15,629.5	31,310	25,380	392,056	12,524.0	3,400.9	19,602.8	0.80	0.22	1.25	2.27
Ontario	5,665.8	12,527	8,687	145,782	5,010.8	1,164.1	7,289.1	0.88	0.21	1.29	2.38
1973-74											
Canada	15,996.4	34,656	27,273	413,041	13,862.4	3,600.0	20,652.0	0.87	0.22	1.29	2.38
Ontario	5,802.6	13,848	9,038	154,148	5,539.2	1,193.0	7,707.4	0.95	0.21	1.33	2.49
1974-75											
Canada	16,425.2	38,472	29,046	422,689	15,388.8	3,776.0	21,134.4	0.94	0.23	1.28	2.45
Ontario	5,965.3	15,011	9,514	156,115	6,004.4	1,236.8	7,805.8	1.00	0.21	1.31	2.52
1975-76											
Canada	16,841.8	39,672	31,138	434,183	15,868.8	4,047.9	21,709.2	0.94	0.24	1.29	2.47
Ontario	6,107.2	15,283	10,173	158,018	6,113.2	1,322.5	7,900.9	1.00	0.22	1.29	2.51
1976-77											
Canada	17,238.7	41,145	33,214	430,368	16,458.0	4,317.8	21,518.4	0.95	0.25	1.25	2.45
Ontario	6,240.9	16,068	11,384	153,189	6,427.2	1,479.9	7,659.4	1.03	0.24	1.22	2.49

- 1) To convert gallons of beverage to gallons of absolute alcohol the following average values were employed: spirits 40% alcohol by volume, wine 13.6% and decreasing steadily to 13% for 1974 and subsequent years and beer 5% alcohol by volume.
 2) Gallonage figures are presented on a fiscal year basis; that is, data for 1971–72 are for the twelve month period beginning April 1st, 1971 and ending March 31 st, 1972.
 3) The population aged 15 years and over was estimated for October 1st of each fiscal year.

Source: Addiction Research Foundation.

Table 5.34
Deaths and Death Rates from Alcohol-Related Problems and Estimated Prevalence of Alcoholism,¹ Canada and Ontario, 1971 – 1976

	Population Aged 20 and Over ²	Number of Deaths from Alcohol-Related Problems			Death Rates from Alcohol-Related Problems Per 100,000 Population Aged 20 and Over			Estimated Number of Alcoholics ³	Alcoholics Per 100,000 Population Aged 20 and Over ³
		Alcoholic Psychosis	Alco- holism	Liver Cirrhosis	Alcoholic Psychosis	Alco- holism	Liver Cirrhosis		
	'000's								
1971									
Canada	13,098.3	26	360	1,937	0.2	2.7	14.8	420,900	3,200
Ontario	4,791.9	14	145	792	0.3	3.0	16.5	172,700	3,600
1972									
Canada	13,373.7	28	410	2,236	0.2	3.1	16.7	474,700	3,600
Ontario	4,898.7	13	146	921	0.3	3.0	18.8	193,800	4,000
1973									
Canada	13,679.1	25	465	2,508	0.2	3.4	18.3	525,400	3,800
Ontario	5,010.9	11	171	1,002	0.2	3.4	20.0	210,500	4,200
1974									
Canada	14,050.5	25	510	2,618	0.2	3.6	18.6	584,650	4,200
Ontario	5,151.8	9	221	1,022	0.2	4.3	19.8	226,700	4,400
1975									
Canada	14,429.1	36	696	2,725	0.2	4.8	18.9	606,700	4,200
Ontario	5,279.4	15	286	1,007	0.3	5.4	19.1	230,300	4,400
1976									
Canada	14,786.9	32	635	2,791	0.2	4.3	18.9	..	..
Ontario	5,396.0	16	246	1,079	0.3	4.6	20.0	..	..

1) Estimates of alcoholism prevalence were obtained by means of the Jellinek formula which infers the probable number of alcoholics in a population from the centred two-year moving average of total reported liver cirrhosis mortality.
2) The population aged 20 years and over was estimated for July 1st of each calendar year.
3) Canada figures exclude the Yukon and Northwest Territories.

Source: Addiction Research Foundation

Education

Highlights

- **Enrolment** — For public schools in Ontario the high point of enrolment was the 1971-72 mark of 2.0 million students. For the period between 1965 and 1978 there was a 16.8 per cent increase from the 1965-66 figure to the 1971-72 figure, and subsequently a 4.4 per cent decrease to the 1977-78 level. Private schools showed a much different pattern. For a similar period the highest level of enrolment was in 1977-78 at 61,082 students and the lowest level was in 1968-69 at 31.9 per cent below that mark.

The general trend of somewhat lower levels of enrolment is most clearly demonstrated in terms of total enrolment for elementary schools. The 1978 mark of 1.3 million elementary school students is 2.9 per cent lower than the previous year and 12.0 per cent lower than the 1970 figure which showed the highest level of enrolment ever. The average annual increase in secondary school enrolment between 1967 and 1978 was 2.6 per cent which compares with recent annual percentage increases of 2.6 in 1975, 1.3 in 1976, 0.1 in 1977 and a decrease of 0.4 in 1978. Through most of the sixties each year's enrolment had shown an increase of more than 4 per cent. It would seem only a matter of time until secondary school patterns show the same trend as elementary schools.

At the university level, full-time undergraduate enrolment has maintained its upward trend albeit at a somewhat reduced rate. From 1972-73 to 1974-75 enrolment increased at a rate between 5.0 and 7.0 per cent but between the years 1971-72 and 1972-73 this rate of increase dropped to 0.6 per cent. The 1976-77 mark of 145,851 undergraduates was a 2.8 per cent increase over the previous year.

- **Graduates** — In 1978 there were 5,598 graduates of secondary school programs of occupational education. This is a 8.2 per cent increase from the previous year and a 13.8 per cent drop from 1972. On the other hand, there was a 2.0 per cent increase from 1977 in the number of students receiving regular academic graduation diplomas. 93,137 were issued to public secondary and 9,704 to private secondary students.

At the university level there were 40,278 bachelor and first professional degrees awarded in 1976-77, an increase of 3.5 per cent over the previous year. These degrees represent 46.1 per cent of the number awarded throughout Canada. There were also 6,415 masters degrees and 875 doctorates awarded in the same period. Community college graduates numbered 17,809, an increase of 0.4 per cent over 1976-77.

For 1977-78, interim certificates were issued to 3,021 new elementary school teachers and 3,926 new secondary school teachers. This represents a decrease of 24.1 per cent and 7.4 per cent respectively over the previous year. 2,913 teachers received their permanent teaching certificates in 1978.

- **Industrial Training** — There were 30,143 active apprentices at the end of the 1978-79 year. This represents an increase of 1.8 per cent over the previous year end figure. 5,818 apprentices completed their training in 1978-79 which is an increase of 1.8 per cent over the 1977-78 figure. There were 9,909 new registrations bringing the full-time school enrolment to 15,811 in 1978-79. These figures are 0.9 per cent increase and 1.3 per cent decrease respectively over the previous year.

- **Teachers** — The total number of elementary and secondary school teachers employed in Ontario for 1976-77 increased 0.4 per cent from the 1975-76 mark of 99,408. Post-secondary institutions showed an increase of 2.2 per cent from the 1975-76 figure of 17,290. In 1977 the Municipality of Metropolitan Toronto employed the most teachers in Ontario with 12,291 elementary or 22.4 per cent of the total for the province and 7,925 secondary or 22.6 per cent of the provincial total.

At the university level there was an increase in teaching staff of 13.5 per cent from 1973-74 to 1976-77. The highest figure reached was the most recent year reported at 12,651. In 1976-77, 86.1 per cent of the university teaching staff were male.

- **Finances** — In 1977 local taxation accounted for 43.7 per cent of the \$3.5 million total revenue for Ontario school boards. Provincial government grants accounted for the other major portion with 53.0 per cent of the total. Elementary schools accounted for 58.5 per cent of the total expenditure (which corresponds to the total revenue), while secondary schools were responsible for the remaining 41.5 per cent.

Definitions

Minority Language – English in Québec, French in all other provinces.

Second Language – The study of the minority language as a second language; generally, the study of the grammar and the literature of the language.

Language of Instruction – The language in which a particular course is taught.

School Enrolment – The total enrolment of elementary and secondary schools as reported as of September 30 each year.

Registered Indian – "Indian" means a person who, pursuant to the Indian Act, is registered as an Indian in the Indian Register.

Publicly Supported Schools – Publicly supported schools are those which are supported by local taxation and/or provincial grants and are administered by local school boards in accordance with the education act of the jurisdiction in which they are located. Included under this heading are the denominational schools of Newfoundland, the Protestant and Roman Catholic Separate schools, where such exist, and schools operated by the Department of National Defence on stations across Canada. These latter schools operate within the framework of the publicly supported schools of the province where they are located.

Private Schools – There exist throughout Canada, elementary and secondary schools which operate outside the publicly supported school system. Even though some of them may receive provincial financial support, they are operated privately by an individual, an association or a corporation. Only the academic elementary and secondary schools are reported.

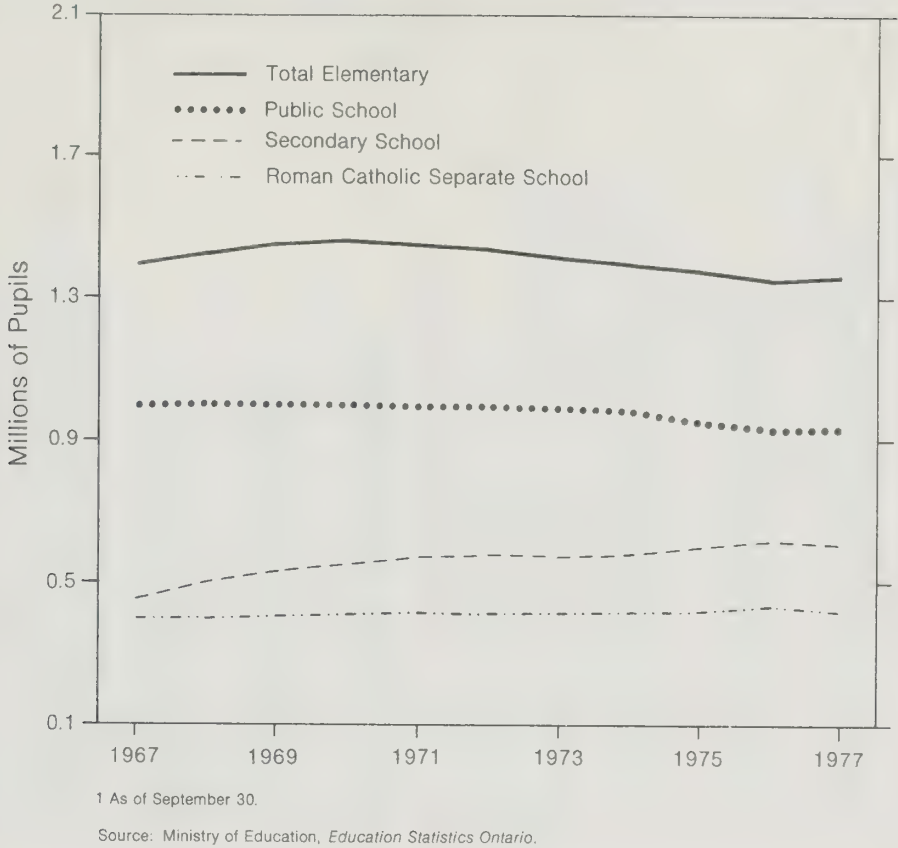
Federal Schools – Schools for Indian and Eskimo pupils. The education of Indian and Eskimo children in the provinces is the responsibility of the Department of Indian Affairs and Northern Development which administers the schools directly. Although the great majority of students in federal schools are Indian and Eskimo children, there are some other pupils enrolled, generally children of staff members. This enrolment accounts for 4.1 per cent of the total enrolment in the federal schools.

Band Administered Schools – Schools operated by staff employed by an Indian Band or organization, and financed by the Department of Indian Affairs and Northern Development.

University Student Information Systems (USIS) — This is the statistical system which is now used to provide more accurate data. In previous years data were obtained solely from the Financial System (U.A.R.). Figures which are based on the USIS system are not comparable with data published previously because undergraduate and graduate breakdowns differ for Statistical and Financial purposes, due to differences in course classifications between the two systems.

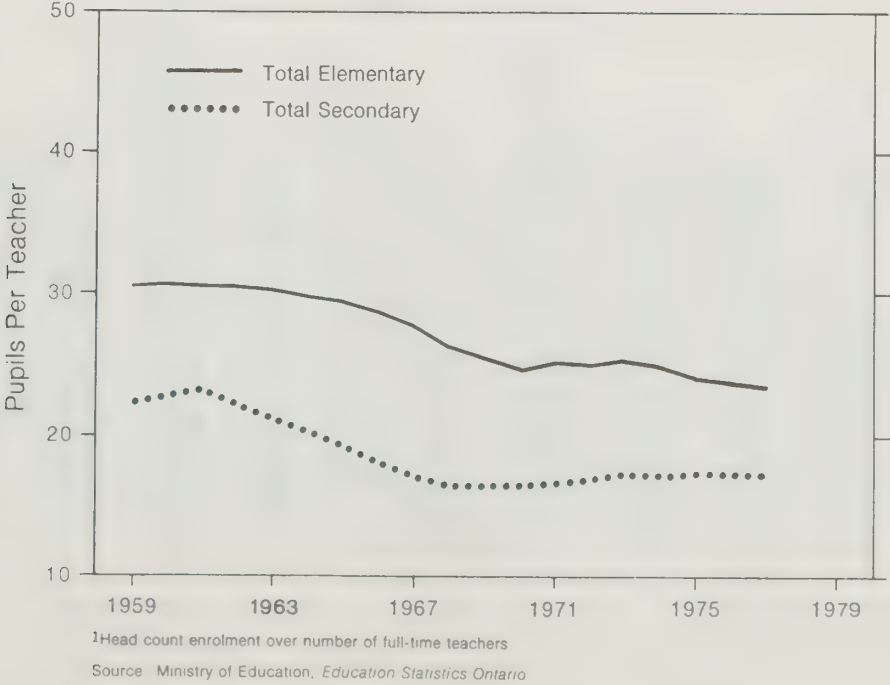
Graph 6.A

School Enrolments¹, Ontario, 1967-1977

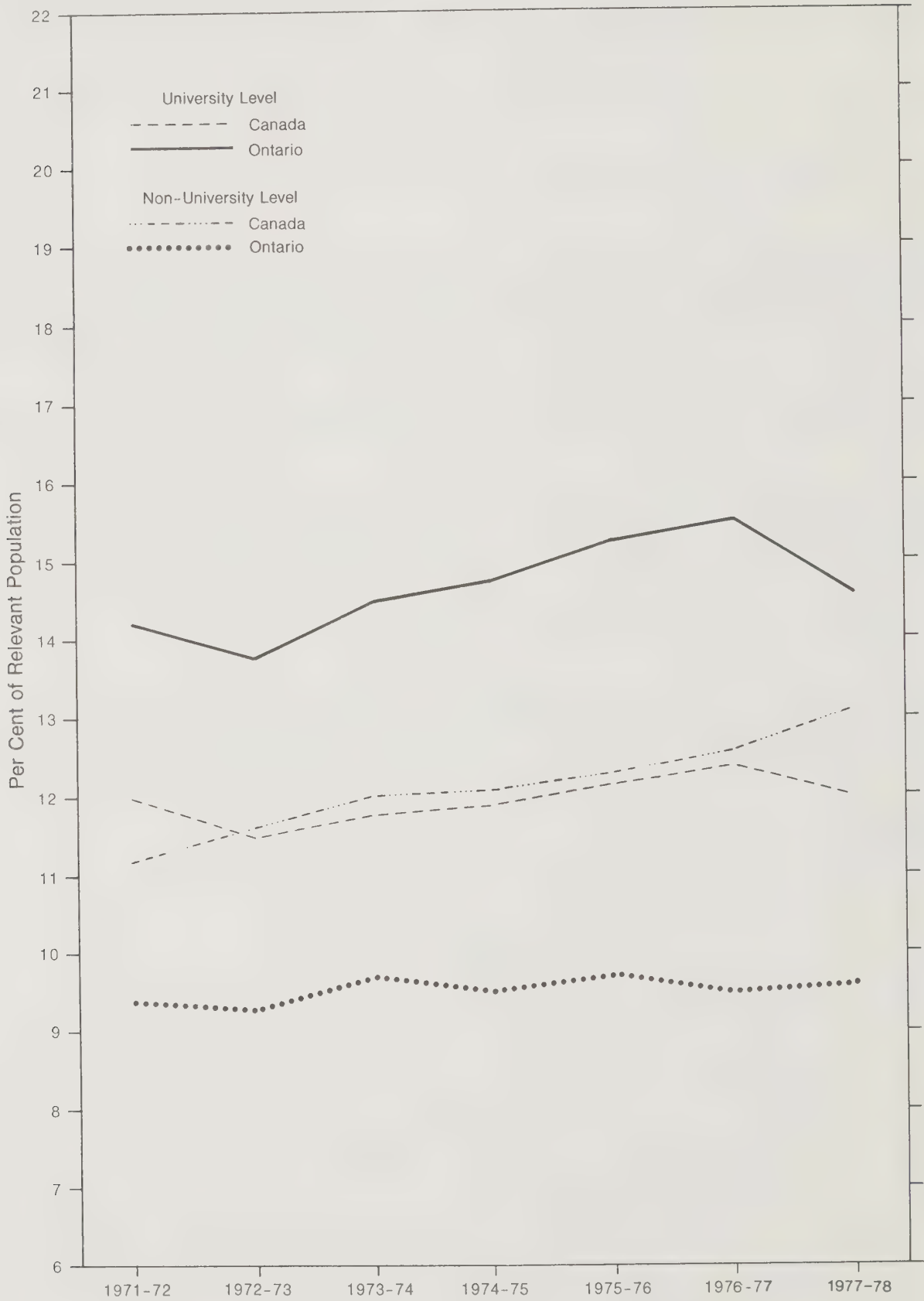


Graph 6.B

Pupil/Teacher Ratio¹, Ontario, 1959-1977



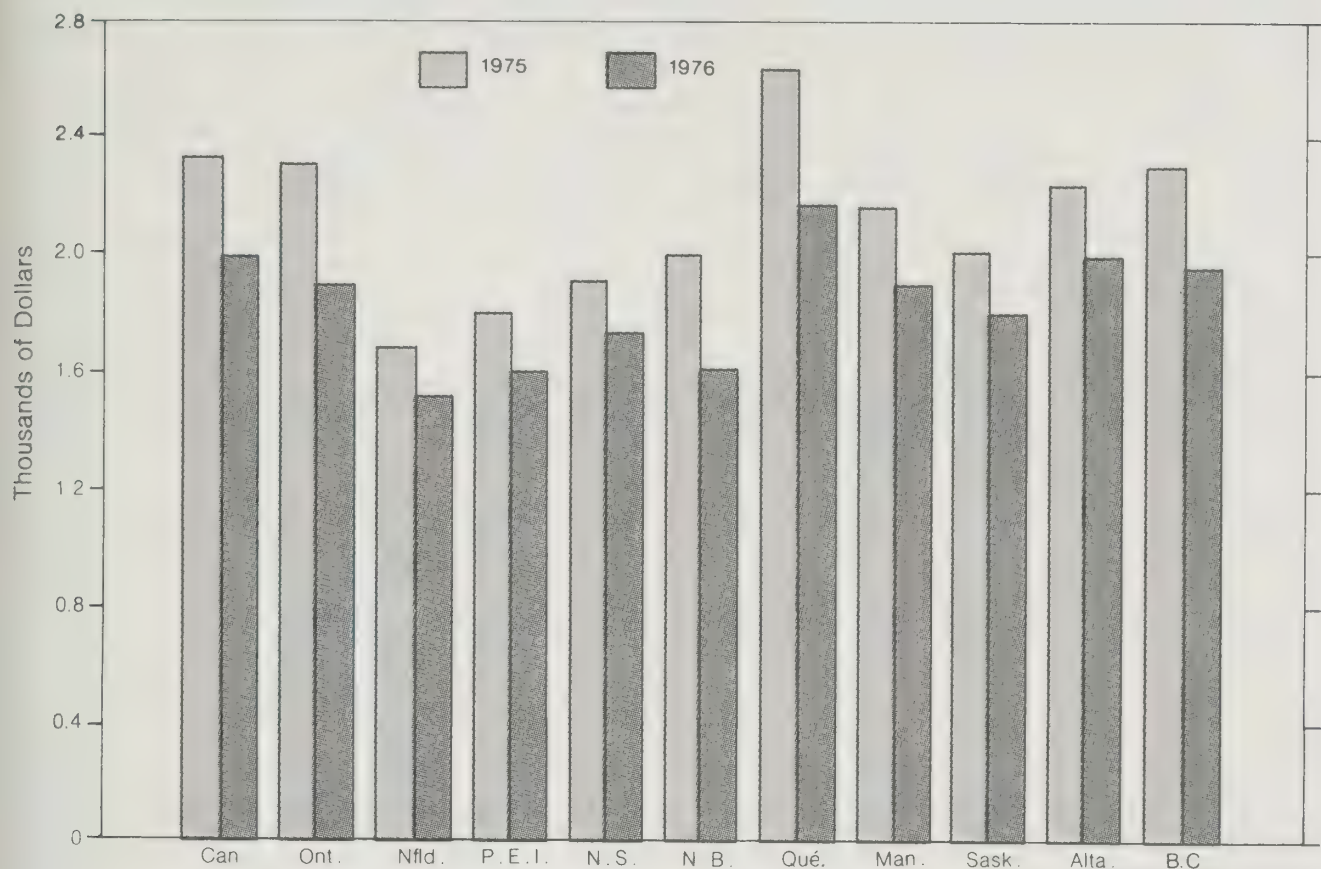
Graph 6.C
Full-Time Post-Secondary Enrolment by Level, Related to Relevant Population¹,
Canada and Ontario, 1971-72 to 1977-78²



¹Relevant population for University Level is 18 to 24 years of age and for Non-University Level is 18 to 21 years of age.
²1977-78 figures are preliminary.

Graph 6.D

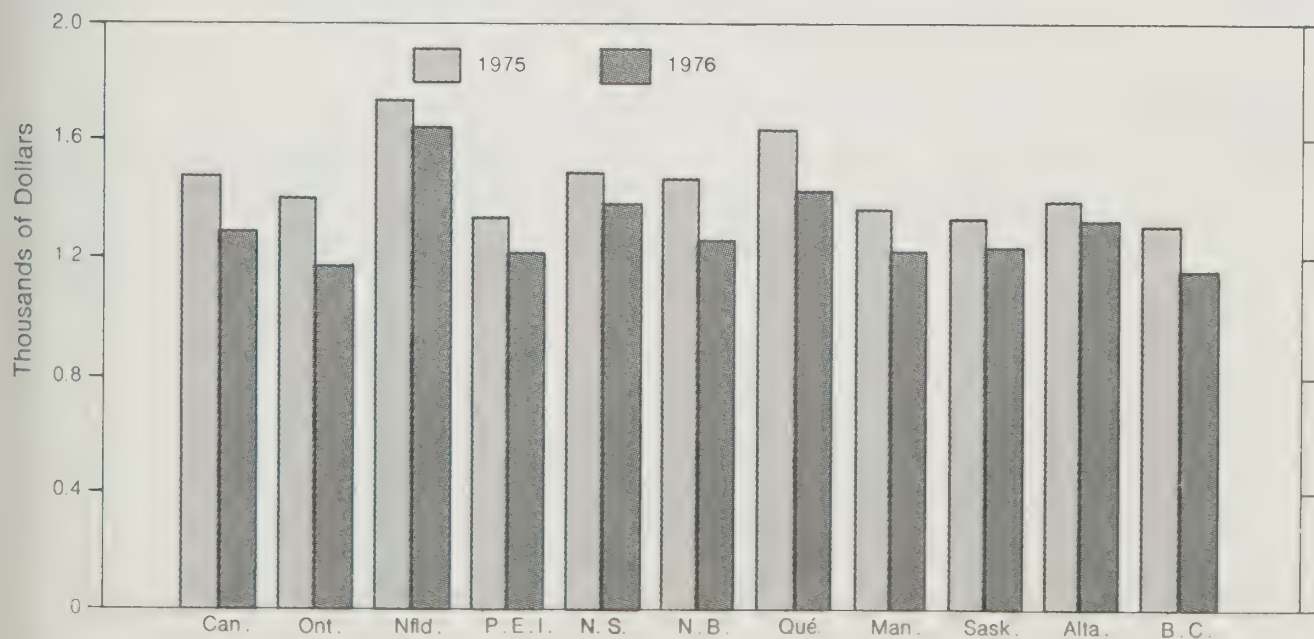
Expenditures on Education per Full-time Student, at all Levels,
Canada and Provinces, 1975 and 1976^P



Source: SC, Education in Canada, Catalogue 81-229

Graph 6.E

Expenditures on Education per Capita of the Labour Force, at All Levels,
Canada and the Provinces, 1975 and 1976^P



Source: SC, Education in Canada, Catalogue 81-229

Table 6.1

Summary of Educational Data: Number of Institutions, Full-Time Teachers, Full-Time Enrolment and Expenditures, Canada and Ontario, 1975-76 and 1976-77

	Institutions		Full-Time Teachers		Full-Time Enrolment		Total Expenditure on Education	
	1975-76 ^r	1976-77	1975-76 ^r	1976-77	1975-76 ^r	1976-77	1975-76 ^r	1976-77 ^p
Canada								
							\$ Million	
Elementary- Secondary Level								
Elementary and Secondary Schools:								
Regular Public	14,195	14,248	265,040	262,630	5,371,375	5,281,764	7,910.1	9,419.9
Federal	327	309	2,130	2,150	37,087	37,569	164.7	202.3
Private ²	772	796	9,112	9,281	182,001	185,035	287.9	291.6
Other Schools:								
Blind and Deaf	23	24	797	823	3,582	3,500	71.1 ³	83.8 ³
Total Elementary- Secondary	15,317	15,377	277,079	274,884	5,594,045	5,507,868	8,433.8	9,997.6
Post Secondary Level								
Non-University:								
Community Colleges and Related Institutions	157	156	17,520	18,092	215,322	222,188	941.7	1,040.0
Teachers' Colleges	1	1	60 ¹	62	567	551	3.4	3.5
Hospital and Regional Schools of Nursing	31	32	641 ^p	621	5,705	5,136	30.6 ⁴	41.0 ⁴
Universities and Colleges	69	66	30,784	31,648	370,416	376,506	2,760.5	2,976.7
Total Post-Secondary	258	255	49,005	50,423	592,010	604,381	3,736.2	4,061.2
Total All Levels	15,575	15,632	326,084	325,307	6,186,055	6,112,249	12,170.0	14,058.8
Trade and Other Non-post secondary courses	..	85	..	5,433	253,032	247,685	841.7 ⁵	955.1 ⁵

Table 6.1 (cont'd)

Summary of Educational Data: Number of Institutions, Full-Time Teachers, Full-Time Enrolment and Expenditures, Canada and Ontario, 1975-76 and 1976-77

	Institutions		Full-Time Teachers		Full-Time Enrolment		Total Expenditure on Education	
	1975-76 ¹	1976-77	1975-76 ¹	1976-77	1975-76	1976-77	1975-76 ¹	1976-77 ²
\$ Million								
Ontario								
Elementary - Secondary Level								
Elementary and Secondary Schools:								
Regular Public	4,819	4,824	96,516	96,861	1,994,638	1,973,140	2,808.8	3,375.9
Federal	80	76	400	380	7,391	7,080	35.6	46.2
Private ²	299	317	2,214	2,317	54,598	58,226	77.4	94.6
Other Schools:								
Blind and Deaf	4	4	278	279	1,148	1,126	27.7 ³	26.5 ³
Total Elementary - Secondary	5,202	5,221	99,408	99,837	2,057,775	2,039,572	2,949.5	3,543.2
Post Secondary Level								
Non-University:								
Community Colleges and Related Institutions	30	30	5,000	5,007	59,640	58,919	283.1	309.1
Teachers' Colleges	-	-	-	-	-	-	- ⁷	- ⁷
Hospital and Regional Schools of Nursing	-	-	-	-	-	-	6.9 ⁴	9.5 ⁴
Universities and Colleges	22	22	12,290	12,657	159,701	163,985	1,075.3	1,177.3
Total Post-Secondary	52	52	17,290	17,664	219,341	222,904	1,365.3	1,495.9
Total All Levels	5,254	5,273	116,698	117,501	2,277,116	2,262,476	4,314.8	5,039.1
Trade and Other non-post secondary courses	..	26	..	1,853	253,032	247,685	211.5 ⁵	310.6 ⁵

1) Estimate.

2) Excludes private kindergartens and nursery schools.

3) Includes expenditures for correspondence courses, reform schools and academic education in penitentiaries.

4) Instructional expenditures only. Includes courses for laboratory and radiology technicians as well as other hospital personnel.

5) Includes estimated expenditures also for private business colleges, trade schools and other private schools.

6) Includes enrolment in public trade schools and community colleges.

7) Included in University Education.

Source: SC, *Education in Canada 1976*.

Table 6.2

Enrolment in Private and Public Schools, Canada and Ontario, 1958-59 to 1980-81

	Private		Public	
	Canada	Ontario	Canada	Ontario
1958-59	160,151	23,742	3,625,721	1,249,673
1959-60	163,718	25,316	3,803,297	1,319,225
1960-61	168,163	26,175	3,989,257	1,389,163
1961-62	179,635	27,826	4,184,322	1,462,230
1962-63	191,467	32,458	4,372,956	1,528,607
1963-64	201,085	41,721	4,554,784	1,597,374
1964-65	203,006 ^r	44,470	4,744,629 ^r	1,673,774
1965-66	203,681	45,554	4,909,788	1,738,781
1966-67	188,997	46,072	5,075,827	1,800,897
1967-68	157,457	42,986	5,265,856	1,868,788
1968-69	145,774	41,604	5,454,687	1,931,397
1969-70	155,569 ^r	43,007	5,579,035	1,986,796
1970-71	142,601 ^r	44,116	5,655,431 ^r	2,022,401
1971-72	139,929 ^r	43,949	5,628,218 ^r	2,031,360
1972-73	151,595	44,826	5,570,251 ^r	2,028,114
1973-74	157,919 ^r	47,500	5,499,584 ^r	2,008,610
1974-75	175,298 ^r	51,239	5,416,366 ^r	1,994,489
1975-76	182,001	54,598	5,371,752	1,994,638
1976-77	193,925 ^r	58,226	5,281,764 ^r	1,973,140
1977-78 ^p	188,135 ^r	61,082	5,143,672 ^r	1,943,064 ^r
1978-79 ¹	180,465	62,740	5,018,565	1,914,340
1979-80 ¹	178,020	63,700	4,912,860	1,885,250
1980-81 ¹	176,215		4,813,895	

1) Projections.

Source: SC, Education, Science and Culture Division.

Table 6.3Elementary School Enrolment by Age and Sex, Ontario, 1977 and 1978¹

Age	1977			1978		
	Male	Female	Total	Male	Female	Total
3 years and under	4,749	4,677	9,426	5,241	5,148	10,389
4 years	32,921	31,460	64,381	32,611	31,258	63,869
5 years	62,735	58,841	121,576	61,183	58,192	119,375
6 years	66,644	63,662	130,306	63,367	59,224	122,591
7 years	67,617	64,395	132,012	66,513	63,641	130,154
8 years	66,091	63,474	129,565	67,833	64,671	132,504
9 years	65,952	62,893	128,845	66,223	63,543	129,766
10 years	67,535	64,453	131,988	65,778	62,619	128,397
11 years	70,910	67,949	138,859	67,297	64,432	131,729
12 years	77,619	74,112	151,731	70,160	67,383	137,543
13 years	69,497	63,274	132,771	65,252	59,690	124,942
14 years	24,364	17,909	42,273	24,436	18,602	43,038
15 years	6,845	6,696	13,541	7,113	6,955	14,068
16 years	996	847	1,843	901	772	1,673
17 years and over	155	124	279	160	139	299
Total	684,630	644,766	1,329,396	664,068	626,269	1,290,337

1) As of the last school day in September.

Source: Ministry of Education, *Education Statistics Ontario*.

Table 6.4
Enrolment¹ in Elementary and Secondary Schools² by Sex and Grade Group, Canada and Ontario, Selected Years, 1969-70 to 1977-78

	Grades I-VIII				Grades IX and Higher			
	Male		Female		Male		Female	
	Number	% ³	Number	% ³	Number	% ⁴	Number	% ⁴
1970-71								
Canada	1,969,170	104.4	1,844,095	102.3	856,673	98.5	811,858	97.1
Ontario	680,337	105.5	635,078	103.5	311,791	107.5	288,229	103.2
1971-72								
Canada	1,947,490	102.8	1,826,015	101.0	876,849	97.3	835,699	96.6
Ontario	677,175	103.6	666,063	101.8	322,089	106.4	298,199	102.4
1972-73								
Canada	1,892,168	101.1	1,778,060	99.5	897,792	98.5	859,020	98.3
Ontario	632,161	102.5	623,497	100.8	325,576	105.6	303,501	102.9
1975-76 ⁵								
Canada	1,798,344	103.1	1,683,998	101.1	872,324	90.9	840,960	91.6
Ontario	625,334	101.8	586,246	100.3	342,364	103.3	323,057	102.4
1976-77 ⁵								
Canada	1,760,589	104.0	1,648,140	101.9	872,692	90.5	842,717	91.4
Ontario	613,770	102.6	575,455	101.1	346,207	103.6	328,993	103.2
1977-78 ^{5,6}								
Canada	1,713,286	103.5	1,598,429	101.3	856,028	87.3	828,738	88.6
Ontario	602,726	103.0	563,820	101.2	344,701	100.7	330,327	101.5

1) As of the fall term, except for the regular public school enrolments of British Columbia which are for June.

2) Regular public, federal and private schools, including elementary and secondary students unclassified by grade, (does not include schools for the handicapped, nor private kindergarten and nursery schools).

3) Percentage of 6-13 age group population of June preceding the school year.

4) Percentage of 14-17 age group population of June preceding the school year.

5) 1975-76, 1976-77, and 1977-78 include figures from the Dept. of National Defense schools overseas.

6) The 1977-78 unclassified by grade figures are placed in the Grades IX and Higher totals (Canada 763, Ontario 562).

Source: SC, Education, Science and Culture Division.

Table 6.5
Secondary School Enrolment by Age and Sex, Ontario, 1977 and 1978¹

Age	1977			1978		
	Male	Female	Total	Male	Female	Total
11 years and under	37	24	61	37	40	77
12 years	529	452	981	324	419	743
13 years	13,222	15,636	28,858	13,139	15,226	28,365
14 years	59,778	62,010	121,788	58,244	60,572	118,816
15 years	74,362	70,856	145,218	74,781	70,546	145,327
16 years	71,054	67,623	138,677	70,630	67,120	137,750
17 years	58,179	53,384	111,563	58,618	54,122	112,740
18 years	30,378	22,410	52,788	30,383	22,802	53,185
19 years	6,326	2,896	9,222	6,328	3,042	9,370
20 years	1,182	611	1,793	1,202	701	1,903
21 years	396	269	665	393	302	695
22 and over	708	1,508	2,216	794	1,903	2,697
Total	316,151	297,679	613,830	314,873	296,795	611,668

1) As of the last school day in September.

Source: Ministry of Education, *Education Statistics Ontario*.

Table 6.6
Public School Enrolment by Year, Ontario, 1967-1978¹

	1967	1968	1969	1970	1971	1972
Junior Kindergarten	3,736	5,011	7,099	9,199	10,837	20,406
Kindergarten	97,557	101,863	109,815	103,633	95,978	91,794
Grade 1	125,120	124,240	123,804	121,801	113,032	103,309
Grade 2	117,385	117,971	117,726	117,390	115,771	107,715
Grade 3	112,889	114,264	115,076	115,377	114,629	113,067
Grade 4	107,575	109,595	112,257	112,900	112,853	112,884
Grade 5	106,774	109,324	112,156	113,482	113,106	112,431
Grade 6	105,124	107,010	110,489	111,788	113,027	112,797
Grade 7	104,779	106,246	108,662	111,283	112,770	113,472
Grade 8	100,773	102,372	103,839	105,984	108,461	109,237
Grade 9	13	25	24	15	-	-
Grade 10	1	1	1	5	-	-
Special Education	20,829	23,754	21,613	24,198	24,239	25,823
Total	1,002,555	1,021,676	1,042,561	1,047,055	1,034,703	1,022,935
Increase over previous year (%)	2.6	1.9	2.0	0.4	-1.2	-1.1

Table 6.6 (cont'd)

	1973	1974	1975	1976	1977	1978
Junior Kindergarten	22,467	23,568	23,519	21,277	21,181	21,042
Kindergarten	89,974	92,306	95,004	92,023	86,875	83,828
Grade 1	97,929	98,329	98,636	101,061	97,708	91,840
Grade 2	98,482	95,724	92,164	93,946	95,559	91,294
Grade 3	104,876	99,662	91,650	90,033	91,099	92,018
Grade 4	111,578	108,118	95,985	91,167	88,600	89,014
Grade 5	112,180	115,182	103,760	95,593	90,573	87,535
Grade 6	112,161	115,330	111,606	103,763	95,341	89,594
Grade 7	112,962	116,956	113,136	112,511	104,713	95,980
Grade 8	109,819	112,367	109,140	108,551	108,216	100,121
Grade 9	2	3	-	9	16	17
Grade 10	-	-	-	6	9	12
Special Education	26,238	... ²	27,025	27,352	27,887	27,859
Total	998,668	977,545	961,625	937,292	907,777	870,154
Increase over previous year (%)	-2.4	-2.1	-1.6	-2.5	-3.1	-4.7

1) As of the last school day in September.

2) Special Education for 1974 is included in enrolment by division and grade.

Source: Ministry of Education, *Education Statistics Ontario*.

	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
Elementary	971,117	1,027,598	1,081,649	1,126,388	1,163,053	1,197,029	1,233,164	1,278,473	1,320,043	1,364,871	1,405,052
Junior Kindergarten	-	-	-	-	-	-	-	-	-	3,284	3,826
Kindergarten	77,073	82,913	88,603	93,193	99,033	104,325	109,297	119,170	127,982	130,720	136,233
Primary	376,303	391,185	407,730	424,233	434,492	444,068	454,485	465,001	475,326	488,509	495,352
Junior	329,950	344,046	349,317	356,753	368,340	382,447	397,172	408,974	419,851	431,736	443,249
Grade 7	87,457	102,795	113,645	115,360	118,109	119,345	122,934	129,914	134,154	139,637	142,608
Grade 8	79,492	83,754	97,912	108,261	110,487	113,414	114,751	118,523	124,476	130,126	135,333
Grade 9	7,339	7,920	8,466	10,300	11,499	10,799	11,149	10,824	10,539	10,368	11,486
Grade 10	4,979	5,640	6,069	6,511	8,039	8,263	8,223	8,741	8,006	8,314	9,550
Special Education	8,524	9,345	9,907	11,777	13,054	14,368	15,153	17,326	19,709	22,177	27,415
Secondary	203,525	222,075	237,576	262,775	299,177	331,578	364,210	395,301	418,738	436,026	463,736
Pre-grade 9 ⁴	-	-	-	-	-	-	-	-	-	-	-
Grade 9	72,063	74,604	76,598	88,607	100,988	103,866	103,526	105,899	110,997	117,582	124,067
Grade 10	53,654	59,109	60,829	64,783	76,290	86,012	90,817	93,453	96,299	100,710	108,789
Grade 11	37,177	41,718	45,552	47,833	52,681	61,733	70,302	77,922	80,710	83,963	88,988
Grade 12	26,769	31,058	34,792	38,697	42,266	46,776	55,731	64,418	67,282	70,625	75,214
Grade 13	12,547	14,278	16,267	18,447	21,482	23,750	26,262	32,770	37,692	35,007	36,472
Vocational Courses ²	1,315	1,308	3,538	4,408	5,470	9,441	17,572	20,839	25,758	28,139	30,206
Grand Total	1,174,642	1,249,673	1,319,225	1,389,163	1,462,230	1,528,607	1,597,374	1,673,774	1,738,781	1,800,897	1,868,788

Table 6.7 (cont'd)
Elementary and Secondary School Enrolment by Grade, Ontario, 1957-1978¹

	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Elementary	1,430,590	1,456,117	1,465,488	1,456,840	1,445,101	1,422,885	1,404,839	1,389,478	1,360,085	1,329,396	1,290,337
Junior Kindergarten	5,020	7,666	12,689	17,543	31,907	38,038	42,284	43,807	41,856	42,817	44,271
Kindergarten	141,784	150,669	141,776	131,605	126,012	124,029	128,157	132,315	128,891	123,581	120,650
Primary	496,659	493,993	489,954	474,626	449,755	420,826	410,749	397,052	401,687	403,194	394,285
Junior	453,384	466,039	471,649	473,823	472,483	470,979	474,815	440,763	413,238	392,228	382,525
Grade 7	145,300	149,627	153,592	156,250	158,579	158,450	163,424	158,720	158,345	149,353	137,459
Grade 8	138,862	141,622	145,888	149,608	151,396	153,775	157,542	153,470	152,746	153,006	143,537
Grade 9	10,314	9,855	9,833	11,279	11,600	13,148	15,262	15,671	15,582	16,349	17,239
Grade 10	8,347	8,516	9,009	11,301	10,680	11,215	12,606	14,281	13,100	13,709	14,588
Special Education	30,920	28,100	31,098	30,805	32,689	32,425	...	33,399	34,640	35,159	35,783
Secondary	500,807	530,679	556,913	574,520	583,013	585,725	589,650	605,160	613,055	613,830	611,668
Pre-grade 9 ⁴	-	-	-	-	-	-	-	-	-	4,583	4,466
Grade 9	131,082	135,420	153,826	157,433	162,781	165,235	161,775	163,004	162,319	158,602	155,385
Grade 10	117,425	122,181	139,961	141,939	143,459	143,939	145,651	148,141	148,633	148,279	147,651
Grade 11	98,585	105,836	116,116	121,750	125,417	126,596	127,541	131,692	135,241	134,460	134,936
Grade 12	82,371	90,956	98,837	101,733	100,644	99,854	103,609	108,182	111,349	113,742	116,070
Grade 13	40,087	43,569	48,173	51,665	50,712	50,101	51,074	54,141	55,513	54,164	53,160
Vocational Courses ²	31,257	32,717	-	-	-	-	-	-	-	-	-
Grand Total	1,931,397	1,986,796	2,022,401	2,031,360	2,028,114	2,008,610	1,994,489	1,994,638	1,973,140	1,943,226	1,902,005

¹ As of the last school day in September

² Commencing in 1970, enrolment in all secondary school courses was distributed in accordance with a wider definition of grade. Students were reported by grade or by years of schooling beyond Kindergarten or by credits or courses completed. The most apparent effect was the distribution of the vocational courses enrolment throughout the grades 9 to 12. In 1972 and 1973, those with 0-6 credits were reported in Grade 9, those with 7-13 credits in Grade 10, those with 14-20 credits in Grade 11 and those with 21-26 credits in Grade 12. Candidates registered for Honour Graduation Diploma courses were reported in Grade 13. From 1974 to 1976, students were enrolled by Grade of Registration. For Grades 9 to 11 inclusive, this was to reflect the students' year of attendance with the exception of total failure in any grade. For Grades 12 and 13 the students were entered in the grade in which they were registered. In 1977, a new classification - pre-grade 9 - was introduced. (For definition, see below). Grade 9 students are those who are in their first year of taking credit courses in secondary school. Students from Grades 10 and 11 are those based on either their year of attendance or as designated by the principal. Finally, Grades 12 and 13 students are those who could complete their SSGD or SSHGD respectively in the current school year. Students who have completed their SSGD and are taking a partial Grade 13 program are to be entered under Grade 13.

³ Special Education for 1974 is included in enrolment by division and grade.

⁴ Pre-grade 9 students are those enrolled in special secondary school programs less than two years after leaving the junior division and who are taking course-work that does not lead to credit.

Table 6.8
Private School Enrolment by Grade Level and Sex, Ontario, 1971–1978¹

	1971			1972		
	Male	Female	Total	Male	Female	Total
Elementary	10,834	9,954	20,788	10,938	10,269	21,207
Junior Kindergarten	897	732	1,629	771	716	1,487
Kindergarten	562	494	1,056	547	463	1,010
Grade 1	1,074	1,001	2,075	1,080	991	2,071
Grade 2	1,120	1,094	2,214	1,023	1,039	2,062
Grade 3	1,125	1,104	2,229	1,114	1,107	2,221
Grade 4	1,037	1,123	2,160	1,124	1,126	2,250
Grade 5	1,137	1,070	2,207	1,106	1,171	2,277
Grade 6	1,196	1,100	2,296	1,212	1,148	2,360
Grade 7	1,324	1,097	2,421	1,368	1,204	2,572
Grade 8	1,268	1,086	2,354	1,355	1,125	2,480
Ungraded, Other ²	94	53	147	238	179	417
Secondary	11,429	11,732	23,161	11,749	11,870	23,619
Grade 9	1,039	987	2,026	1,199	1,030	2,229
Grade 10	924	902	1,826	1,008	867	1,875
Grade 11	3,226	3,789	7,015	3,501	3,905	7,406
Grade 12	3,235	3,618	6,853	3,181	3,715	6,896
Grade 13	2,697	2,275	4,972	2,708	2,189	4,897
Ungraded, Commercial	16	81	97	4	58	62
Ungraded, Other ²	292	80	372	148	106	254
Grand Total	22,263	21,686	43,949	22,687	22,139	44,826

Table 6.8 (cont'd)

	1973			1974		
	Male	Female	Total	Male	Female	Total
Elementary	11,711	10,727	22,438	12,556	11,566	24,122
Junior Kindergarten	833	819	1,652	1,109	1,074	2,183
Kindergarten	622	556	1,178	798	738	1,536
Grade 1	1,147	976	2,123	1,171	1,067	2,238
Grade 2	1,114	1,006	2,120	1,140	1,067	2,207
Grade 3	1,112	1,083	2,195	1,170	1,081	2,251
Grade 4	1,230	1,149	2,379	1,200	1,148	2,348
Grade 5	1,247	1,182	2,429	1,338	1,284	2,622
Grade 6	1,233	1,254	2,487	1,355	1,277	2,632
Grade 7	1,475	1,268	2,743	1,477	1,424	2,901
Grade 8	1,446	1,288	2,734	1,517	1,309	2,826
Ungraded, Other ²	252	146	398	281	97	378
Secondary	12,629	12,433	25,062	13,739	13,579	27,318
Grade 9	1,216	950	2,166	1,317	1,180	2,497
Grade 10	1,131	939	2,070	1,286	954	2,240
Grade 11	3,976	4,256	8,232	4,320	4,833	9,153
Grade 12	3,539	3,825	7,364	3,794	4,145	7,939
Grade 13	2,715	2,357	5,072	2,929	2,393	5,322
Ungraded, Commercial	8	72	80	12	12	24
Ungraded, Other ²	44	34	78	81	62	143
Grand Total	24,340	23,160	47,500	26,295	25,145	51,440

Table 6.8 (cont'd)Private School Enrolment by Grade Level and Sex, Ontario, 1971-1978¹

	1975			1976		
	Male	Female	Total	Male	Female	Total
Elementary	12,785	12,064	24,849	13,203	12,449	25,652
Junior Kindergarten	1,013	1,008	2,021	1,053	974	2,027
Kindergarten	876	792	1,668	896	912	1,808
Grade 1	1,334	1,277	2,611	1,369	1,287	2,656
Grade 2	1,205	1,106	2,311	1,322	1,255	2,577
Grade 3	1,201	1,160	2,361	1,224	1,162	2,386
Grade 4	1,232	1,110	2,342	1,234	1,164	2,398
Grade 5	1,308	1,330	2,638	1,315	1,267	2,582
Grade 6	1,404	1,392	2,796	1,414	1,345	2,759
Grade 7	1,631	1,435	3,066	1,684	1,570	3,254
Grade 8	1,533	1,419	2,952	1,646	1,463	3,109
Ungraded, Other ²	48	35	83	46	50	96
Secondary	14,923	14,868	29,791	16,200	16,827	33,027
Grade 9	1,384	1,197	2,581	1,455	1,345	2,800
Grade 10	1,325	1,142	2,467	1,386	1,194	2,580
Grade 11	4,765	5,217	9,982	5,441	6,150	11,591
Grade 12	4,139	4,668	8,807	4,489	5,104	9,593
Grade 13	3,249	2,607	5,856	3,368	3,011	6,379
Ungraded, Commercial	2	3	5	20	8	28
Ungraded, Other ²	59	34	93	41	15	56
Grand Total	27,708	26,932	54,640	29,403	29,276	58,679

Table 6.8 (cont'd)

	1977			1978		
	Male	Female	Total	Male	Female	Total
Elementary	13,674	12,771	26,445	14,458	13,081	27,539
Junior Kindergarten	1,062	1,060	2,122	1,155	1,023	2,178
Kindergarten	866	867	1,733	987	931	1,918
Grade 1	1,428	1,324	2,752	1,410	1,308	2,718
Grade 2	1,365	1,302	2,667	1,409	1,348	2,757
Grade 3	1,378	1,306	2,684	1,422	1,363	2,785
Grade 4	1,299	1,167	2,466	1,468	1,340	2,808
Grade 5	1,325	1,251	2,576	1,394	1,243	2,637
Grade 6	1,417	1,253	2,670	1,429	1,305	2,734
Grade 7	1,656	1,495	3,151	1,718	1,435	3,153
Grade 8	1,690	1,564	3,254	1,711	1,478	3,189
Ungraded, Other ²	188	182	370	355	307	662
Secondary	17,078	17,727	34,805	17,924	18,685	36,609
Grade 9	1,586	1,345	2,931	1,624	1,433	3,057
Grade 10	1,410	1,278	2,688	1,417	1,279	2,696
Grade 11	5,390	6,387	11,777	5,672	6,587	12,259
Grade 12	4,992	5,656	10,648	5,126	5,988	11,114
Grade 13	3,595	2,974	6,569	3,987	3,314	7,301
Ungraded, Commercial	6	45	51	1	-	1
Ungraded, Other ²	99	42	141	97	84	181
Grand Total	30,752	30,498	61,250	32,382	31,766	64,148

1) All figures are for September of that school year.

2) Elementary and secondary components have been estimated for 1978.

Source: Ministry of Education, *Education Statistics Ontario*.

Table 6.9
Roman Catholic Separate School Enrolment by Grade, Ontario, 1969-1978¹

	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Junior Kindergarten	567	3,490	6,706	11,501	15,571	18,716	20,288	20,579	21,636	23,229
Kindergarten	40,884	38,143	35,627	34,218	34,055	35,851	37,311	36,868	36,706	36,822
Grade 1	45,893	45,290	42,019	38,783	37,534	37,793	39,051	40,239	39,936	39,363
Grade 2	45,730	44,985	44,657	42,027	39,397	38,418	37,460	38,674	39,974	39,819
Grade 3	45,764	45,111	44,518	44,854	42,608	40,823	38,091	37,734	38,918	39,951
Grade 4	45,339	45,233	44,710	44,349	45,039	44,017	40,209	38,406	38,135	39,078
Grade 5	43,425	45,031	45,168	44,824	44,932	46,275	43,638	40,326	38,897	38,194
Grade 6	42,373	43,215	44,959	45,198	45,089	45,893	45,565	43,983	40,682	39,110
Grade 7	40,965	42,309	43,480	45,107	45,488	46,468	45,584	45,834	44,640	41,479
Grade 8	37,783	39,904	41,147	42,159	43,956	45,175	44,330	44,195	44,790	43,416
Grade 9	9,831	9,818	11,279	11,600	13,146	15,259	15,671	15,573	16,333	17,222
Grade 10	8,515	9,004	11,301	10,680	11,215	12,606	14,281	13,094	13,700	14,576
Special Education	6,487	6,900	6,566	6,866	6,187	...	6,374	7,288	7,272	7,924
Total	413,556	418,433	422,137	422,166	424,217	427,294	427,853	422,793	421,619	420,183
Increase over previous year (%)	1.1	1.2	0.9	0.0	0.5	0.7	0.2	-1.2	-0.3	-0.3

¹) As of the last day of school in September.

²) Special Education for 1974 is included in the enrolment by division and grade.

Source: Ministry of Education, *Education Statistics Ontario*.

Table 6.10
Enrolment of French-Speaking Students in Secondary Schools, Ontario, 1968–1978

	Pre-grade			Grade			
	Total	9 ¹	9	10	11	12	13
1968	16,984	-	5,894	4,302	3,455	2,504	829
1969	21,590	-	7,181	5,832	4,082	3,325	1,170
1970	25,212	-	7,977	6,693	5,085	3,771	1,686
1971	28,018	-	8,770	7,326	5,608	4,449	1,665
1972	29,883	-	9,045	7,888	6,201	4,759	1,990
1973	30,243	-	8,807	7,788	6,679	5,033	1,936
1974	30,906	-	9,005	8,061	6,644	5,334	1,862
1975	31,392	-	8,704	8,300	6,874	5,612	1,902
1976 ²	31,510	-	8,590	8,105	7,110	5,740	1,965
1977 ²	30,636	225	7,984	7,824	6,853	5,892	1,858
1978 ³	30,520	213	7,869	7,767	6,943	5,921	1,807

1) Students who are enrolled in special secondary school programs less than two years after leaving the junior division and who are taking course-work that does not lead to credit.

2) In 1976 there were 24 French secondary schools with an enrollment of 21,456 students and 26 mixed schools with 10,054 students. In 1977 the numbers were 25 French schools, 21,621 students and 31 mixed schools with 9,015 students. For the breakdown for earlier years, please consult the appropriate Ministry of Education publication.

3) In 1977 there were 25 French secondary schools with an enrolment of 21,621 students and 31 mixed schools with 9,015 students. The numbers for 1978 were: 25 French schools with 21,348 students and 35 mixed schools with 9,172 students.

Source: Ministry of Education, *Education Statistics, Ontario*.

Reports of the Minister of Education.

Table 6.11
English-Speaking Elementary School Pupils Enrolled in French Classes, Ontario, 1969–1978

	Public	Roman Catholic Separate	Total Elementary
1969	325,120	137,154	462,274
1970	363,573	150,599	514,172
1971	383,484	186,272	569,756
1972	394,435	202,391	596,826
1973	393,230	208,888	602,118
1974	399,668	213,474	613,142
1975	428,125	223,484	651,609
1976	425,214	227,560	652,774
1977	443,630	238,675	682,305
1978	441,556	249,556	691,112

Source: Ministry of Education, *Education Statistics, Ontario*.

Reports of the Minister of Education.

Table 6.12
Enrolment of Registered Indians in Federal Schools by Grade, Canada and Ontario, Selected Years, 1950-51 to 1978-79

Canada	K	Grade												Total	
		1	2	3	4	5	6	7	8	9	10	11	12 +		Special
1950-51	-	8,056	3,945	3,492	2,721	2,240	1,567	1,065	631	338	58	41	28	-	24,182
1955-56	-	8,859	4,654	4,205	3,550	2,905	2,233	1,532	1,010	286	154	106	77	-	29,571
1960-61	2,911	5,434	4,792	4,502	3,855	3,358	2,762	1,853	1,171	390	141	74	59	991	32,293
1965-66	3,093	5,461	4,772	4,331	3,881	3,477	2,644	1,914	1,289	383	203	92	38	462	32,040
1970-71	4,551	4,121	3,515	3,116	3,019	2,827	2,344	1,568	942	215	22	16	9	127	26,392
1971-72	4,985	3,905	3,581	3,113	2,910	2,813	2,462	1,638	1,086	372	44	15	9	142	27,075
1972-73	5,104	4,105	3,432	3,390	2,960	2,674	2,460	1,960	1,349	433	56	17	13	150	28,103
1973-74	6,187	4,460	3,794	3,485	3,485	2,978	2,875	2,162	1,808	630	203	46	9	303	32,553
1974-75 ¹	5,848	4,096	3,442	3,452	3,091	2,986	2,603	2,295	1,672	770	244	53	11	225	30,788
1975-76 ¹	5,883	4,191	3,821	3,524	3,270	2,960	2,812	2,284	1,765	906	426	135	69	377	32,423
1976-77 ¹	6,248	4,208	3,695	3,354	3,004	2,807	2,807	2,433	1,774	871	569	212	119	415	33,352
1977-78 ¹	6,608	4,277	3,917	3,587	3,532	3,210	2,973	2,506	2,024	976	600	288	169	384	35,051
1978-79	6,239	4,087	3,564	3,545	3,371	3,167	2,968	2,531	2,039	1,146	722	407	216	399	34,401

Ontario	K	Grade												Total	
		1	2	3	4	5	6	7	8	9	10	11	12 +		Special
1950-51	-	1,753	829	784	665	533	440	352	215	97	34	15	19	-	5,736
1955-56	-	2,029	1,019	861	772	593	539	405	330	105	63	45	31	-	6,792
1960-61	565	1,126	1,011	937	833	682	611	452	318	73	17	-	-	433	7,058
1965-66	684	1,169	990	961	832	666	530	388	299	40	15	12	-	126	6,712
1970-71	810	1,023	883	829	729	670	710	496	258	5	-	-	-	41	6,454
1971-72	878	972	951	807	739	655	630	523	403	27	-	-	-	56	6,641
1972-73	938	916	824	790	706	693	637	535	471	41	19	-	-	70	6,640
1973-74	1,248	907	869	832	740	688	711	566	509	40	16	-	-	98	7,224
1974-75 ¹	1,270	905	821	845	826	751	720	640	505	62	28	6	-	63	7,442
1975-76 ¹	1,206	905	849	803	782	770	713	640	579	64	24	-	-	56	7,391
1976-77 ¹	1,192	851	759	785	776	668	719	602	543	47	29	7	6	178	7,162
1977-78 ¹	1,152	935	886	759	808	753	722	616	570	67	24	5	-	132	7,429
1978-79	1,137	939	873	886	783	772	728	634	553	69	31	5	2	56	7,468

¹⁾ Includes enrolment in band-operated schools.

Source: Department of Indian Affairs and Northern Development, Indian and Inuit Affairs Program, Statistics Division.

Table 6.13
Enrolment of Registered Indians in Non-Federal Schools by Grade, Canada and Ontario, Selected Years, 1950-51 to 1978-79

Canada	K	Grade												Total	
		1	2	3	4	5	6	7	8	9	10	11	12 +		Special
1950-51	-	317	211	202	188	176	143	111	96	226	120	85	51	14	1,940
1955-56	-	676	505	434	440	379	379	405	316	456	305	167	102	90	4,654
1960-61	-	1,212	862	899	892	873	871	897	762	896	547	341	221	105	9,378
1965-66	445	2,819	2,306	2,189	2,020	2,118	2,040	1,978	1,806	2,053	1,189	672	497	498	22,630
1970-71	2,285	4,483	3,785	3,740	3,542	3,400	3,491	3,894	3,378	3,509	2,628	1,477	997	1,448	42,057
1971-72	2,722	4,465	4,024	3,728	3,628	3,589	3,361	3,782	3,575	3,671	2,806	1,666	1,031	1,338	43,386
1972-73	2,706	4,325	3,729	3,785	3,562	3,564	3,530	3,756	3,500	3,786	2,854	1,752	1,063	1,124	43,036
1973-74	2,673	3,781	3,503	3,319	3,389	3,202	3,233	3,498	3,422	3,563	2,869	1,746	1,176	1,043	40,417
1974-75	3,425	4,191	3,350	3,451	3,409	3,510	3,160	3,779	3,242	3,492	2,708	1,721	981	1,042	41,461
1975-76	2,699	3,595	3,329	3,097	3,163	3,333	3,279	3,444	3,423	3,351	2,789	1,803	1,110	979	39,394
1976-77	2,420	3,635	3,163	3,026	2,918	3,060	3,109	3,557	3,206	3,426	2,673	1,744	1,063	1,365	38,365
1977-78	2,446	3,945	3,599	3,433	3,449	3,392	3,416	4,073	3,842	3,805	2,943	2,011	1,314	1,369	43,037
1978-79	3,011	4,379	3,988	3,833	3,804	3,779	3,690	4,240	4,087	3,999	3,084	2,071	1,327	1,666	46,958

Ontario	K	Grade												Total	
		1	2	3	4	5	6	7	8	9	10	11	12 +		Special
1950-51	-	50	47	48	47	45	42	24	21	110	52	41	26	7	560
1955-56	-	200	110	104	113	76	78	77	80	152	108	55	50	38	1,241
1960-61	-	206	173	167	156	192	184	170	141	293	162	93	78	51	2,066
1965-66	128	442	457	453	445	454	434	453	398	637	392	208	168	64	5,133
1970-71	335	498	426	553	519	530	552	617	562	1,016	741	356	330	388	7,423
1971-72	315	451	476	452	556	522	506	634	512	1,098	733	412	345	347	7,359
1972-73	373	557	516	584	529	588	539	633	512	1,104	853	504	323	212	7,827
1973-74	322	403	540	462	540	467	580	568	515	1,049	853	528	407	170	7,404
1974-75	451	437	422	466	502	487	474	600	503	1,122	785	494	365	193	7,301
1975-76	382	380	424	416	450	520	520	478	526	988	813	527	430	182	7,036
1976-77	318	373	373	340	338	435	421	503	441	1,029	737	520	360	194	6,382
1977-78	335	439	407	420	389	409	492	573	513	1,163	882	536	477	214	7,249
1978-79	265	339	369	382	369	362	389	553	484	1,072	844	586	475	219	6,708

Source: Department of Indian Affairs and Northern Development, Indian and Inuit Affairs Program, Statistics Division.

Table 6. 14
Enrolment in Schools for the Blind, Canada and Ontario¹, 1972-73 to 1977-78

	Total ²	Male	Female	Partially Blind	With Multiple Handicaps	Pre- School Program Enrolment
1972-73						
Canada	636	354	282	247	179	12
Ontario	206	113	93	30	95	-
1973-74						
Canada	626	350	276	236	203	8
Ontario	221	118	103	70	112	-
1974-75						
Canada	592	327	265	287	240	6
Ontario	215	115	100	70	114	-
1975-76						
Canada	551	312	239	236	218	5
Ontario	207	114	93	65	125	-
1976-77						
Canada	516	287	229	219	252	2
Ontario	214	120	94	85	134	-
1977-78						
Canada	492	275	217	220 ^r	198	6
Ontario ²	215	119	96	85	128	-

1) Ontario figures are those of W. Ross MacDonald School, Brantford, Ontario.

2) The total number of enrolments is not equal to the breakdown of enrolment into different types of handicaps included on the right hand side of the table.

Source: SC, *Enrolment and Staff in Schools for the Blind and the Deaf*.

Table 6. 15
Enrolment in Schools for the Deaf, Canada and Ontario, 1972-73 to 1977-78

	Total ¹	Male	Female	Partially Deaf	With Multiple Handicaps	Pre- School Program Enrolment
1972-73						
Canada	3,251	1,781	1,470	785	561	276
Ontario	1,210	671	539	270	270	89
1973-74						
Canada	2,998	1,676	1,322	815	679	263
Ontario	1,062	604	458	165	289	61
1974-75						
Canada	3,292	1,821	1,471	576	636	352
Ontario	1,162	655	507	180	318	101
1975-76						
Canada	3,232	1,818	1,414	578	586	319
Ontario ²	1,142	651	491	127	251	82
1976-77						
Canada	3,167	1,774	1,393	478	626	331
Ontario	1,095	619	476	87	357	108
1977-78						
Canada	2,923	1,669	1,254	427 ^r	659 ^r	309 ^r
Ontario	1,021	586	435	69 ^r	381 ^r	96 ^r

1) The total number of enrolments is not equal to the breakdown of enrolment into different types of handicaps included on the right hand side of the table.

2) Includes data for Metropolitan School for the Deaf and Clairlea School for the Deaf which in Table 6.1 are included in Public Schools

Source: SC, *Enrolment and Staff in Schools for the Blind and the Deaf*.

Table 6.16

Enrolment in French as Second Language, Canada and Ontario, 1970-71 to 1977-78

		Canada ¹	Ontario
1970-71 ^r	Elementary	708,780	509,955
	Secondary	761,899	269,079
	Total	1,470,679	779,034
1971-72	Elementary	767,979	566,155
	Secondary	732,943	243,135
	Total	1,500,922	809,290
1972-73	Elementary	816,521	596,729
	Secondary	653,681	218,187
	Total	1,470,202	814,916
1973-74	Elementary	839,271	596,920
	Secondary	613,775	202,729
	Total	1,453,046	799,649
1974-75	Elementary	873,270	609,562
	Secondary	589,709	189,426
	Total	1,462,979	798,988
1975-76	Elementary	888,271	622,520
	Secondary	608,193	214,073
	Total	1,496,464	836,593
1976-77	Elementary	886,109	621,305
	Secondary	606,081	218,516
	Total	1,492,190	839,821
1977-78 ^r	Elementary	926,339	650,136
	Secondary	592,626	220,369
	Total	1,518,965	870,505

¹) Total for nine provinces, excluding Québec, where English is the Second Language.

Source: SC, Education, Science and Culture Division.

Table 6.17Adult Training¹ Enrolment at Colleges of Applied Arts and Technology, Ontario, 1972-1979

	Adult Training, Full-Time	Adult Training, Part-Time	Training in Business and Industry	Management Development Program
1972	18,010	1,102	6,025	..
1973	16,143	2,084 ^r	5,106	8,835
1974	16,340	4,264	3,969 ^r	10,973
1975	18,168	4,668	4,133	11,835
1976	19,237	3,026	4,043 ^r	10,056
1977	18,011	2,197	3,675	11,227
1978	16,793	2,153	3,632	9,023
1979	16,779	1,907	3,641	10,754

¹) These programs run on a continuous intake basis. The figures shown here represent the number of persons active in these programs at the end of each fiscal year (March 31), except for Management Development Program where figures represent accumulated registrations in the fiscal year (April-March).

²) Excludes college-prepared courses.

Source: Ministry of Education, Information Resources Branch

Table 6. 18

Registrations in Continuing Education Courses by Type of Institution, Canada and Ontario, 1971-72 to 1976-77

Type of Institution	1971-72		1972-73		1973-74		1974-75		1975-76		1976-77	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
School Boards, Departments of Education												
High School Completion	259,243'	61,601	193,777'	42,422	196,149'	44,959	200,868'	42,355	207,952'	53,717	215,569 ^p	46,858
Non-credit	563,369'	157,551	662,087'	189,862	659,403'	192,642	719,203'	220,105	832,084'	290,187	882,215 ^p	316,919
Provincial Correspondence Schools												
High School Completion	119,610	85,989	97,813	71,428	101,082	77,237	107,473	80,801	119,086'	87,654	107,060	78,789
Non-credit	3,647	-	5,524	-	6,801	-	10,561	-	11,277'	-	10,755	-
Colleges												
Part-time credit	153,417	61,899	125,335'	79,881	135,162'	86,006'	173,464	116,011	178,675	109,391	175,458 ^p	101,554
Non-credit	92,810	46,394	166,759'	55,733	193,783'	77,778'	294,490	118,501	389,902'	130,250	423,246 ^p	121,958
Universities												
Part-time credit	372,480	147,732'	373,449	156,144	373,485	164,674	401,483	167,458	463,604	177,434	481,689 ^p	181,516
Non-credit	167,049'	48,052	195,584'	54,981	258,616	83,880	278,762	100,625	284,489'	94,234'	301,865	99,892
Total	1,731,625'	609,218'	1,820,328'	650,451	1,924,481'	727,176'	2,186,304'	845,856	2,487,069'	942,867'	2,597,857 ^p	947,486

Source SC, Enrolment in Continuing Education Programs.

Table 6.19
Industrial Training Branch Major Program Statistics, Ontario, 1970-71 to 1978-79

	1970-71	1971-72 ²	1972-73 ²	1973-74 ²	1974-75 ²	1975-76 ²	1976-77 ²	1977-78 ²	1978-79 ²
Apprenticeship Program:									
New Contract Registrations	5,971	7,045/1,742	7,617/102	8,429	9,556	9,235	9,722	9,818	9,909
Completions	4,412	4,293	3,685	4,237/1	3,823/27	4,404/81	4,700/75	4,940/36	5,818
Cancellations	2,672	2,337/4	2,070/980	3,228/440	2,981/62	3,011/18 ¹	3,813/13	2,560/3	3,563
Year-end Active Apprentices	18,146	18,561/1,738	20,423/860	21,411/421	24,163/334	25,983/232	27,192/144	29,510/105	30,080/63
Full-time School Enrolment ¹	11,841	10,766	10,552	10,994	12,178	13,288	15,351	16,023	15,811 ³
Certification Program:									
Initial Certificates	10,363	12,114	18,990	15,557	12,776	9,961	9,089 ¹	9,400	10,044
Renewals Issued	112,348	81,966	66,733	59,864	65,025	64,973	67,310	66,478	70,657
Year-end Certificate Holders	140,242	146,142	157,371	168,582	177,489	183,227	188,212	193,263	197,794
Short-Term Training in Industry Programs:									
Trainees Entered	7,346	9,925	13,830	7,571		Program phased out March 31, 1974			
Trainees Graduated	5,254	6,390	11,219	6,449					
Trainees Discontinued	1,878	2,464	2,737	2,461					
Year-end Active Trainees	2,167	3,238	3,112	1,773					

1) All figures cover five intakes each year - April, September, October, January, and February.

2) The figures following the diagonal marks represent "Winter Works" apprentices who entered the apprenticeship program during a special project from December 1, 1971 to May 31, 1972. (These are additional apprentices not included in the numbers preceding the diagonal marks, e.g.: New Contract Registrations 1970-71 = 7,045 regular and 1,742 winter works apprentices for a total of 8,787.)

3) Consisting of 5 intakes as follows: 1978-April intake, 2,907, September intake 3,199, October intake 2,981.
1979-January intake 3,616, February intake 3,108.

Source: Ministry of Colleges and Universities, Manpower Training Branch.

Table 6.20

University Enrolment, by Sex, Canada and Ontario, 1971-72 to 1976-1977

Canada		1971-72	1972-73	1973-74	1974-75 ^r	1975-76 ^r	1976-77
Full-time Undergraduate ¹							
	M	178,842	175,161	178,211	182,051	190,410	189,141
	F	108,276	109,736 ³	116,765 ³	127,120	140,127	146,725
	T	287,118	284,897	294,976	309,171	330,537	335,866
Full-time Graduate							
	M	27,784	28,387	27,487	27,481	28,242	28,205
	F	8,124	9,120 ³	9,661 ³	10,334 ³	11,637	12,435
	T	35,908	37,507	37,148	37,815	39,879	40,640
Total Full-time							
	M	206,626	203,548	205,698	209,532	218,652	217,346
	F	116,400	118,856	126,426	137,454	151,764	159,160
	T	323,026	322,404	332,124	346,986	370,416	376,506
Part-time Undergraduate ¹							
	M	72,516	62,519	63,360	65,997	72,287	71,030
	F	64,842	69,981	74,294 ³	79,792 ³	86,007 ³	92,242
	T	137,358	132,500	137,654	145,789	158,294	163,272
Part-time Graduate							
	M	13,693	15,165	17,094	17,424	18,878	18,690
	F	4,336	5,316 ³	6,416 ³	7,036 ³	8,082	8,995
	T	18,029	20,481	23,510	24,460	26,960	27,685
Total Part-time							
	M	86,209	77,684	80,454	83,421	91,165	89,720
	F	69,178	75,297	80,710	86,828	94,089	101,237
	T	155,387	152,981	161,164	170,249	185,254	190,957
Total Undergraduate							
	M	251,358	237,680	241,571	248,048	262,697	260,171
	F	173,118	179,717	191,059	206,912	226,134	238,967
	T	424,476	417,397	432,630	454,960	488,831	499,138
Total Graduate							
	M	41,477	43,552	44,581	44,905	47,120	46,895
	F	12,460	14,436	16,077	17,370	19,719	21,430
	T	53,937	57,988	60,658	62,275	66,839	68,325
Grand Total							
	M	292,835	281,232	286,152	292,953	309,817	307,066
	F	185,578	194,153	207,136	224,282	245,853	260,397
	T	478,413	475,385	493,288	517,235	555,670	567,463
Number of university students enrolled for a non-university type diploma ²							
Full-time Non-university Level							
	M	5,971	1,401	1,181	1,375	1,558	1,625
	F	2,391	957	535	641	565	440
	T	8,362	2,358	1,716	2,016	2,123	2,065
Part-time Non-university Level							
	M	1,536	739	1,104	1,037	470	847
	F	438	1,051	1,072	1,234	974	1,179
	T	1,974	1,790	2,176	5,537	1,444	2,026

Table 6.20 (cont'd)
University Enrolment, by Sex, Canada and Ontario, 1971-72 to 1976-1977

Ontario		1971-72	1972-73	1973-74	1974-75	1975-76	1976-77
Full-time Undergraduate	M	74,039	73,484	75,952	78,664	81,387	81,520
	F	44,000	45,216	48,635	54,703	60,454	64,331
	T	118,039	118,700	124,587	133,367	141,841	145,851
Full-time Graduate	M	12,735	12,631	12,629	12,124	12,647	12,671
	F	3,645	3,864	4,337	4,643	5,213	5,463
	T	16,380	16,495	16,966	16,767	17,860	18,134
Total Full-time	M	86,774	86,115	88,581	90,788	94,034	91,191
	F	47,645	49,080	52,972	59,346	65,667	69,794
	T	134,419	135,195	141,553	150,134	159,701	163,985
Part-time Undergraduate	M	24,236	25,090	25,458	25,423	26,907	24,833
	F	25,011	26,746	30,352	32,498	35,208	35,933
	T	49,247	51,836	55,810	57,921	62,115	60,766
Part-time Graduate	M	6,477	7,268	7,859	8,214	8,828	8,700
	F	1,728	1,940	2,271	2,651	3,145	3,768
	T	8,205	9,208	10,130	10,865	11,973	12,468
Total Part-time	M	30,713	32,358	33,317	33,637	35,735	33,533
	F	26,739	28,686	32,623	35,149	38,353	39,701
	T	57,452	61,044	65,940	68,786	74,088	73,234
Total Undergraduate	M	98,275	98,574	101,410	104,087	108,294	106,353
	F	69,011	71,962	78,987	87,201	95,662	100,264
	T	167,286	170,536	180,397	191,288	203,956	206,617
Total Graduate	M	19,212	19,899	20,488	20,338	21,475	21,371
	F	5,373	5,804	6,608	7,294	8,358	9,231
	T	24,585	25,703	27,096	27,632	29,833	30,602
Grand Total	M	117,487	118,473	121,898	124,425	129,769	127,724
	F	74,384	77,766	85,595	94,495	104,020	109,495
	T	191,871	196,239	207,493	218,920	233,789	237,219

Number of university students enrolled for a non-university type diploma

Full-time Non-university Level ⁴	M	5,617	842	749	768	763	746
	F	2,346	677	286	269	129	154
	T	7,963	1,519	1,035	1,037	892	900
Part-time Non-university Level	M	201	20	69	191	32	19
	F	54	8	92	245	41	26
	T	255	28	161	436	73	45

1) Excludes university transfer and CEGEP academic students, but includes students enrolled for a non-university type diploma.
2) Included with the full-time undergraduate and part-time undergraduate figures.
3) Includes estimates.
4) Includes Ryerson Polytechnical Institute. In 1971-72 this institute became a degree-granting institution but the bulk of its students belonged to the non-university level. From 1972-73 this institution has an agreement with provincial authorities. Not all its students should be classified at the university level.

Table 6.21
Total Enrolment at University by Institution, Ontario, 1977¹

	Undergraduate ²			Graduate ²		
	Full-time Degree	Part-time	Total	Full-time	Part-time	Total
Brock	2,422	2,187	4,609	70	399	469
Carleton	7,795	5,652	13,447	966	768	1,734
Guelph	9,448	672	10,120	609	125	734
Lakehead	2,783	1,321	4,104	104	104	208
Laurentian	2,922	3,453	6,375	77	130	207
McMaster	9,166	2,856	12,022	1,126	686	1,812
Ottawa ³	10,010	5,457	15,467	1,205	1,846	3,051
Queen's	9,295	2,443	11,738	1,123	543	1,666
Toronto ⁴	26,613	8,713	35,326	5,425	4,292	9,717
Trent	2,414	1,164	3,578	26	11	37
Waterloo ²	13,226	3,710	16,936	1,222	660	1,882
Western	15,896	3,864	19,760	1,624	667	2,291
Wilfrid Laurier	3,008	2,617	5,625	254	186	440
Windsor	6,170	3,668	9,838	588	505	1,093
York	11,102	9,921	21,023	1,235	1,397	2,632
Dominican ⁵	46	239	285	7	15	22
Sub Total	132,316	57,937	190,253	15,661	12,334	27,995
Ontario College of Art	1,266	1,027	2,293	—	—	—
Ryerson	9,119	7,881	17,000	—	—	—
Total	142,701	66,845	209,546	15,661	12,334	27,995

Table 6.21 (cont'd)Total Enrolment at University by Institution, Ontario, 1978¹

	Undergraduate ²			Graduate ³		
	Full-time Degree	Part-time	Total	Full-time	Part-time	Total
Brock	2,135	2,167	4,302	53	448	501
Carleton	7,324	5,289	12,613	974	795	1,769
Guelph	8,647	784	9,431	614	134	748
Lakehead	2,581	1,306	3,887	97	122	219
Laurentian	2,726	3,492	6,218	83	109	192
McMaster	8,880	2,931	11,811	1,147	690	1,837
Ottawa ³	9,885	5,297	15,182	1,188	1,698	2,886
Queen's	9,376	2,434	11,810	1,053	531	1,584
Toronto ⁴	27,731	9,352	37,083	5,354	4,223	9,577
Trent	2,137	1,076	3,213	38	11	49
Waterloo	13,127	3,902	17,029	1,146	619	1,765
Western	14,906	3,993	18,899	1,650	744	2,394
Wilfrid Laurier	3,011	2,488	5,499	267	213	480
Windsor	5,553	3,582	9,135	524	494	1,018
York	10,499	9,842	20,341	1,218	1,279	2,497
Dominican ⁵	58	171	229	11	17	28
Sub Total	128,576	58,106	186,682	15,417	12,127	27,544
Ontario College of Art	1,227	1,206	2,433	—	—	—
Ryerson	9,171	8,869	18,040	—	—	—
Total	138,974	68,181	207,155	15,417	12,127	27,544

1) Enrolment in fall term.

2) Includes students in non-university type programs.

3) Ottawa includes affiliates, St. Paul and St. Augustine.

4) In 1978, Regis College became affiliated with the University of Toronto and its enrolment is now reported under that institution, 1977 data has been adjusted to reflect this inclusion. Also all Toronto figures include OISE.

5) Figures shown for Dominican College include only students on the Ontario campus of this Institution.

Source: Ministry of Education, University Student Information System (USIS)

Table 6.22

Full-Time Graduate Enrolment by Broad Field of Specialization and Sex, Canada and Ontario, 1974-75 to 1976-77

		1974-75		1975-76		1976-77	
		Canada	Ontario	Canada	Ontario	Canada	Ontario
Agricultural and Biological Sciences	T	2,246	597	2,646	783	2,988	1,094
	F	591	161	731	209	829	330
Education	T	2,903	786	3,401	897	3,800	1,041
	F	1,158	346	1,415	420	1,756	546
Engineering and Applied Sciences	T	3,280	1,487	3,356 ^r	1,562	3,464	1,617
	F	160	67	180 ^r	75	212	96
Fine and Applied Arts	T	509	190	552	193	515	199
	F	273	101	310	109	269	103
Health Professions and Occupations	T	5,678	2,240	5,867	2,445	5,827	2,765
	F	1,318	591	1,579	665	1,671	754
Humanities and Related Arts	T	6,676	3,397	6,795	3,327	7,110	3,339
	F	2,735	1,274	2,840	1,316	3,064	1,369
Mathematics and the Physical Sciences	T	3,804	1,629	4,023	1,778	4,005	1,804
	F	506	182	544	216	583	252
Social Sciences and Related Studies	T	11,438	5,465	12,227	5,991	12,547	6,096
	F	3,159	1,580	3,621	1,824	3,921	1,951
Unclassified by Program	T	1,281	976	1,012	884	384	179
	F	434	341	417	379	130	62
Total	T	37,815	16,767	39,879 ^r	17,860	40,640	18,134
	F	10,334 ¹	4,643	11,637 ^r	5,213	12,435	5,463

¹) Includes estimates.

Source: SC, *Education in Canada* 1978.

Table 6.23
Part-Time Graduate Enrolment by Broad Field of Specialization and Sex, Canada and Ontario, 1974-75 to 1976-77

		1974-75		1975-76		1976-77	
		Canada	Ontario	Canada	Ontario	Canada	Ontario
Agricultural and Biological Sciences	T	641	145	757	221	683	204
	F	189	35	213	54	195	56
Education	T	7,254	2,904	8,122	3,255	8,658	3,680
	F	2,479	894	2,980	1,080	3,509	1,425
Engineering and Applied Sciences	T	2,014	1,168	2,356 ^r	1,321	2,341	1,151
	F	55	26	73 ^r	39	96	35
Fine and Applied Arts	T	276	64	240	73	218	82
	F	146	29	136	43	121	47
Health Professions and Occupations	T	405	153	505	161	663	309
	F	159	56	223	54	362	167
Humanities and Related Arts	T	3,726	1,679	3,912	1,712	4,210	1,765
	F	1,488	687	1,601	736	1,905	787
Mathematics and the Physical Sciences	T	1,220	508	1,337	506	1,267	443
	F	196	65	225	68	214	63
Social Sciences and Related Studies	T	7,428	3,585	8,646	4,095	8,459	4,196
	F	1,850	670	2,254	877	2,228	975
Unclassified by Program	T	1,496	659	1,085	629	1,186	638
	F	474	189	377	194	365	213
Total	T	24,460	10,865	26,960 ^r	11,973	27,685	12,468
	F	7,036 ¹	2,651	8,082 ^r	3,145	8,995	3,768

1) Includes estimates.

Source: SC, *Education in Canada* 1978.

Table 6.24

Diplomas and Certificates Awarded by Post-Secondary Non-University Institutions, by Type of Institution and Sex, Canada and Ontario, 1967-68 to 1976-77

	Community Colleges and Related Institutions									
	Total		Career Programs		University Transfer Programs		Teachers' Colleges		Diploma Schools of Nursing ¹	
	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female
1967-68										
Canada	27,417	17,694	9,182	2,235	—	—	10,687	8,008	7,548	7,451
Ontario	12,023	8,266	3,310	844	—	—	5,937	4,672	2,776	2,750
1968-69										
Canada	34,806	20,391	12,354	3,694	2,784	841	12,028	8,286	7,640	7,570
Ontario	15,942	9,841	5,185	1,555	—	—	7,854	5,400	2,903	2,886
1969-70										
Canada	38,632	22,762	15,726	5,899	6,500 ³	2,700 ³	8,704	6,549	7,702	7,614
Ontario	17,131	10,703	7,787	2,900	—	—	6,316	4,800	3,028	3,003
1970-71										
Canada	41,558	24,735	17,135	7,765	8,620	3,890	7,617	4,975	8,186	8,105
Ontario	19,682	12,715	8,687	3,963 ³	—	—	6,302	4,100 ³	4,693	4,652
1971-72										
Canada	45,314	25,361	20,824	9,267	12,079	5,282	4,482	2,966 ²	7,929	7,846
Ontario	16,596	10,169	8,705	3,600 ³	—	—	3,582	2,300 ³	4,309	4,269
1972-73										
Canada	48,810	26,708	25,755	12,397	13,326	5,847	3,657	2,443 ²	6,072	6,021
Ontario	17,382	10,580	10,600 ³	4,900 ³	—	—	3,068	2,000 ³	3,714	3,680 ³
1973-74										
Canada	50,926	27,804	31,972	17,687	14,699	6,582	2,131	1,431 ²	2,124	2,104
Ontario	16,465 ²	9,700 ²	14,654 ²	8,500 ²	—	—	1,811	1,200 ³	—	—
1974-75										
Canada	52,952 ²	29,475	33,734 ²	19,384	17,280 ²	8,008 ³	130 ⁴	100	2,008	1,983
Ontario	15,402	9,319 ^{2,r}	15,402	9,319 ^{2,r}	—	—	—	—	—	—
1975-76 ^p										
Canada	54,119 ^r	30,214 ^r	34,954 ^r	20,149 ^r	16,873 ^{1,r}	7,825 ^r	160 ^{4,r}	130 ^{4,r}	2,132	2,110
Ontario	16,501	9,955	16,501	9,955	—	—	—	—	—	—
1976-77 ^p										
Canada	54,060	30,550	36,293	21,137 ²	15,600 ³	7,300 ³	195 ⁴	150 ⁴	1,992	1,963
Ontario	17,584	10,728	17,584	17,728	—	—	—	—	—	—

¹ Does not include diplomas granted to students completing R.N. programs in community colleges and related institutions. Thus from 1973-74, as the figures indicate, there were nursing graduates only from community colleges in Ontario.

² Includes estimates.

³ Estimates.

⁴ Estimated graduations from Nova Scotia Teachers College, the only institution of this type remaining in Canada.

Source: SC, Education, Science and Culture Division, *Education in Canada*.

Table 6.25
Secondary School Student Certificates and Diplomas, Ontario, 1972-1978

	1972	1973	1974	1975	1976	1977	1978
Certificate of Training ¹	6,491	5,776	5,788	5,021	4,889	5,175	5,598
Graduation Diploma							
Secondary Schools	83,673	85,347	85,164	86,690	90,891	92,151	93,137
Private Schools	6,662	6,358	6,687	7,565	7,478	8,641	9,704
Honours Graduation Diploma							
Secondary Schools	37,215	37,687	36,124	35,948	36,868	37,495	36,370
Private Schools	4,485	4,551	4,586	4,912	5,355	5,633	5,806

1) Issued to students who have successfully completed a secondary school program of occupational education of one, two or three years duration.

Source: Ministry of Education, *Education Statistics, Ontario. Reports of the Minister of Education.*

Table 6.26
Teaching Certificates Issued, Ontario, 1972-73 to 1977-78¹

	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
Interim Certificates ²						
Intramural Elementary ³	3,645	2,839	3,528	4,406	3,979	3,021
Intramural Secondary ³	4,475	4,594	4,362	4,932	4,239	3,926
Extramural Elementary ⁴	11,505	9,184	8,555	9,452	4,383	3,121
Extramural Secondary ⁴	1,030	479	686	663	547	352
Permanent Certificates ⁵						
Elementary	4,716	4,126	4,726	4,312	3,970	1,468
Secondary	4,646	4,781	3,448	3,626	3,866	1,445
Letters of Permission ⁶	366	391	715	770	473	202
Certificates in Special Subjects ⁷	13,729	10,737	9,457	9,888	9,973	9,417

1) Certificates issued between September 1 and August 31 of the following year.

2) Issued to new graduates of a basic teacher education program.

3) Intramural refers to the completion of the basic one year training program.

4) Extramural refers to the completion of a special course by holders of a permanent certificate, e.g. a secondary school teacher completing an elementary teacher's course.

5) Issued to interim certificate holders after 2 years of teaching experience.

6) Issued to school boards that were unable to obtain the services of certified teachers.

7) Issued to permanent certificate holders after additional subject specialization. These are also extramural certificates.

Source: Ministry of Education, *Education Statistics, Ontario. Reports to the Ministry of Education.*

Table 6.27

Graduates of Colleges of Applied Arts and Technology, Ontario, 1971-72 to 1977-78

	Applied Arts	Business	Technology ^r	Health ^r	Other	Total
1971-72	2,087	2,636	2,685	504	...	7,912
1972-73	2,788	3,028	2,681	538	306	9,341
1973-74	3,531	3,508	2,876	2,454	399	12,768
1974-75	4,042	3,950	3,062	4,540	637	16,231
1975-76	4,524	3,969	3,322	4,691	772	17,278
1976-77	4,564	4,916	3,698	4,552	...	17,730
1977-78	4,766	5,264	3,668	4,111	...	17,809

Source: Ministry of Education, Information Resources Branch.

Table 6.28

University Degrees Awarded by Sex, Canada and Ontario, 1971-72 to 1979-80

	Bachelor's and First Professional Degrees			Master's Degrees			Doctoral Degrees ¹		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
1971-72									
Canada	43,873	28,543	72,416	7,725	2,552	10,277	1,564	160	1,724
Ontario	17,519	10,532	28,051	4,187	1,301	5,488	772	79	851
1972-73									
Canada	42,565	28,099	70,664 ²	7,757	2,846	10,603	1,712	217	1,929
Ontario	18,032	11,702	29,734	3,849	1,533	5,382	813	97	910
1973-74									
Canada	43,784	31,067	74,851	7,426	2,770	10,196	1,662	234	1,896
Ontario	18,364	13,322	31,686	3,853	1,428	5,281	800	134	934
1974-75									
Canada	44,937	35,800	80,737	7,950	3,118	11,068	1,544	296	1,840
Ontario	19,771	16,742	36,513	4,271	1,589	5,860	774	132	906
1975-76									
Canada	44,740	38,536	83,276	8,030	3,525	11,555	1,375	318	1,693
Ontario	20,150	18,761	38,911	4,297	1,790	6,087	716	163	879
1976-77									
Canada	45,699	41,657	87,356	8,498	3,877	12,375	1,396	306	1,702
Ontario	20,128	20,150	40,278	4,408	2,007	6,415	691	184	875
1977-78 ³									
Canada	45,120	41,985	87,105	8,590	3,925	12,515	1,410	320	1,730
Ontario	19,110	20,000	39,110	4,350	2,035	6,385	690	190	880
1978-79 ³									
Canada	44,245	42,320	86,565	8,615	4,025	12,640	1,425	335	1,760
Ontario	18,000	19,800	37,800	4,300	2,100	6,400	690	195	885
1979-80 ³									
Canada	44,510	42,465	86,975	8,675	4,195	12,870	1,450	360	1,810
Ontario	..	..	..	..	..	..	..	..	..

1) Degrees refer to earned doctorates.

2) Decline is due to the introduction of CEGEP system in the latter part of the sixties.

3) Projections.

Source: SC, *Advance Statistics of Education*.

Table 6.29
Schools, Teachers and Enrolment in French-Language Elementary Schools, Ontario, 1960-1978¹

	Public			Roman Catholic Separate			Total Elementary		
	Schools	Full-time Teachers	Enrolment	Schools	Full-time Teachers	Enrolment	Schools	Full-time Teachers	Enrolment
1960	58	142	3,673	509	2,651	80,312	567	2,793	83,985
1961	52	139	3,579	505	2,753	82,568	557	2,892	86,147
1962	41	127	3,186	491	2,833	84,841	532	2,960	88,027
1963	39	123	3,088	461	2,908	85,450	500	3,031	88,538
1964	30	107	2,700	443	3,049	87,610	473	3,156	90,310
1965	16	90	2,354	409	3,136	88,241	425	3,226	90,595
1966	14	92	2,455	389	3,595	90,771	403	3,687	93,226
1967	13	91	2,459	372	3,760	92,145	385	3,851	94,604
1968	11	89	2,336	335	3,490	87,858	346	3,579	90,194
1969	9	89	2,354	320	3,679	88,043	329	3,768	90,397
1970	9	92	2,236	324	3,682	87,989	333	3,774	90,225
1971	9	85	2,074	314	3,684	85,422	323	3,769	87,496
1972	8	81	1,961	305	3,643	83,278	313	3,724	85,239
1973	9	86	2,103	290	3,516	80,502	299	3,602	82,605
1974	9	100	2,418	293	3,383	77,764	302	3,483	80,182
1975	10	95	2,299	295	3,426	75,125	305	3,521	77,424
1976	9	96	2,289	291	3,261	72,300	300	3,357	74,589
1977	12	107	2,435	284	3,198	70,018	296	3,305	72,453
1978	12	122	2,761	285	3,142	67,612	297	3,264	70,373

¹ As of September 30.

Source: Ministry of Education, *Education Statistics, Ontario. Reports of the Minister of Education.*

Table 6.30

Schools, Teachers and Enrolment, by County and District, Ontario, 1977 and 1978

1977 ¹	Schools	Full-time Teachers	Enrolment		
			Male	Female	Total
Total Elementary	3,978	56,772	684,630	644,766	1,329,396
Brant	52	650	8,090	7,546	15,636
Bruce	31	385	5,285	4,974	10,259
Dufferin	12	221	2,700	2,496	5,196
Elgin	29	474	5,679	5,473	11,152
Essex	149	2,280	27,150	25,501	52,651
Frontenac	60	709	8,119	7,523	15,642
Grey	31	493	5,768	5,313	11,081
Hastings	64	747	8,764	8,213	16,977
Huron	34	376	4,550	4,218	8,768
Kent	51	755	9,068	8,417	17,485
Lambton	66	794	10,198	9,654	19,852
Lanark	21	296	3,294	3,183	6,477
Leeds & Grenville	46	525	6,151	5,748	11,899
Lennox & Addington	21	265	3,002	2,783	5,785
Middlesex	120	1,754	23,794	22,202	45,996
Municipality of Metropolitan Toronto	699	13,485	157,462	149,529	306,991
Northumberland	36	396	4,997	4,776	9,773
Oxford	51	534	6,725	6,258	12,983
Perth	33	403	4,978	4,762	9,740
Peterborough	48	623	7,859	7,462	15,321
Prescott & Russell	35	411	4,188	4,131	8,319
Prince Edward	10	144	1,619	1,522	3,141
Provisional County of Haliburton	7	75	836	756	1,592
Regional Municipality of Durham	115	1,747	23,232	21,803	45,035
Regional Municipality of Haldimand- Norfolk	60	562	7,181	6,558	13,739
Regional Municipality of Halton	97	1,519	20,167	18,771	38,938
Regional Municipality of Hamilton- Wentworth	167	2,535	31,756	30,145	61,901
Regional Municipality of Niagara	214	2,456	31,027	29,240	60,267
Regional Municipality of Ottawa-Carleton	226	3,736	41,142	38,425	79,567
Regional Municipality of Peel	169	3,217	39,438	37,325	76,763
Regional Municipality of Sudbury	110	1,306	16,318	15,558	31,876
Regional Municipality of Waterloo	145	2,089	24,815	23,676	48,491
Regional Municipality of York	97	1,455	18,637	17,212	35,849
Renfrew	63	666	7,782	7,285	15,067
Simcoe	107	1,443	18,063	16,809	34,872
Stormont, Dundas & Glengarry	83	751	8,188	7,735	15,923
Victoria	20	283	3,423	3,271	6,694
Wellington	68	788	10,200	9,627	19,827
Total, Counties	3,447	51,348	621,645	585,880	1,207,525

Table 6.30 (cont'd)
Schools, Teachers and Enrolment, by County and District, Ontario, 1977 and 1978

			Enrolment		
1977 ¹	Schools	Full-time Teachers	Male	Female	Total
Elementary (cont'd)					
Algoma	101	989	12,126	11,351	23,477
Cochrane	75	886	9,521	8,959	18,480
District Municipality of Muskoka	18	225	2,629	2,511	5,140
Kenora	43	400	4,437	4,112	8,549
Manitoulin	7	55	653	660	1,313
Nipissing	65	647	8,023	7,286	15,309
Parry Sound	23	241	2,738	2,510	5,248
Rainy River	23	195	2,289	2,146	4,435
Sudbury	35	341	3,798	3,540	7,338
Timiskaming	37	376	3,873	3,638	7,511
Thunder Bay	104	1,069	12,898	12,173	25,071
Total, Districts	531	5,424	62,985	58,886	121,871
Total Secondary	622	35,454	316,151	297,679	613,830
Brant	6	388	3,451	3,306	6,757
Bruce	7	198	1,803	1,885	3,688
Dufferin	2	119	1,246	1,239	2,485
Elgin	5	265	2,458	2,381	4,839
Essex	20	1,282	11,101	10,224	21,325
Frontenac	8	462	4,143	3,946	8,089
Grey	5	308	2,821	2,703	5,524
Hastings	8	520	4,746	4,387	9,133
Huron	5	273	2,275	2,376	4,651
Kent	11	495	4,122	4,132	8,254
Lambton	8	520	4,453	4,318	8,771
Lanark	4	204	1,854	1,819	3,673
Leeds & Grenville	7	336	3,233	3,060	6,293
Lennox & Addington	3	148	1,411	1,331	2,742
Middlesex	22	1,314	11,936	11,039	22,975
Municipality of Metropolitan Toronto	147	8,271	72,609	67,548	140,157
Northumberland	5	295	2,610	2,584	5,194
Oxford	7	352	3,255	3,184	6,439
Perth	5	304	2,730	2,715	5,445
Peterborough	8	428	3,953	3,788	7,741
Prescott & Russell	6	267	2,141	2,183	4,324
Prince Edward	1	82	720	717	1,437
Provisional County of Haliburton	1	40	333	325	658
Regional Municipality of Durham	20	1,121	10,356	10,020	20,376

Table 6.30 (cont'd)

Schools, Teachers and Enrolment, by County and District, Ontario, 1977 and 1978

1977 ¹	Schools	Full-time Teachers	Enrolment		
			Male	Female	Total
Secondary (cont'd)					
Regional Municipality of Haldimand- Norfolk	9	410	3,571	3,420	6,991
Regional Municipality of Halton	16	1,104	10,782	10,047	20,829
Regional Municipality of Hamilton- Wentworth	29	1,503	13,123	12,296	25,419
Regional Municipality of Niagara	29	1,555	13,807	12,796	26,603
Regional Municipality of Ottawa-Carleton	37	2,391	21,469	19,355	40,824
Regional Municipality of Peel	23	1,790	15,515	14,378	29,893
Regional Municipality of Sudbury	16	836	7,603	7,000	14,603
Regional Municipality of Waterloo	14	1,003	9,326	8,692	18,018
Regional Municipality of York	15	874	8,637	7,942	16,579
Renfrew	8	446	4,239	4,003	8,242
Simcoe	14	957	8,563	8,171	16,734
Stormont, Dundas & Glengarry	10	548	4,733	4,596	9,329
Victoria	3	182	1,594	1,620	3,214
Wellington	9	480	4,640	4,323	8,963
Total, Counties	553	32,071	287,362	269,849	557,211
Algoma	13	598	5,163	4,945	10,108
Cochrane	10	552	4,468	4,264	8,732
District Municipality of Muskoka	3	161	1,454	1,408	2,862
Kenora	6	238	2,075	1,905	3,980
Manitoulin	1	54	462	386	848
Nipissing	7	432	3,747	3,711	7,458
Parry Sound	2	164	1,428	1,361	2,789
Rainy River	4	125	1,089	1,039	2,128
Sudbury	3	112	977	953	1,930
Timiskaming	5	256	2,073	2,073	4,146
Thunder Bay	15	691	5,853	5,785	11,638
Total, Districts	69	3,383	28,789	27,830	56,619

Table 6.30 (cont'd)
Schools, Teachers and Enrolment, by County and District, Ontario, 1977 and 1978

1978 ¹	Schools	Full-time Teachers	Enrolment		
			Male	Female	Total
Total Elementary	3,969	54,775	664,068	626,269	1,290,337
Brant	51	618	7,737	7,224	14,961
Bruce	32	393	5,258	4,931	10,189
Dufferin	12	229	2,716	2,519	5,235
Elgin	29	473	5,477	5,279	10,756
Essex	145	2,209	26,271	24,903	51,174
Frontenac	58	683	7,968	7,275	15,243
Grey	31	481	5,544	5,121	10,665
Hastings	65	712	8,371	7,906	16,277
Huron	34	366	4,299	4,090	8,389
Kent	52	730	8,867	8,155	17,022
Lambton	66	849	9,861	9,333	19,194
Lanark	22	295	3,260	3,133	6,393
Leeds & Grenville	46	511	5,936	5,511	11,447
Lennox & Addington	21	255	2,908	2,653	5,561
Middlesex	119	1,712	23,253	21,718	44,971
Municipality of Metropolitan Toronto	706	12,291	150,337	143,289	293,626
Northumberland	34	394	4,992	4,676	9,668
Oxford	52	512	6,464	5,948	12,412
Perth	33	383	4,892	4,581	9,473
Peterborough	48	564	7,599	7,186	14,785
Prescott & Russell	34	413	4,149	4,130	8,279
Prince Edward	10	133	1,510	1,445	2,955
Provincial County of Haliburton	7	72	758	711	1,469
Regional Municipality of Durham	112	1,729	22,920	21,582	44,502
Regional Municipality of Haldimand- Norfolk	57	542	6,850	6,307	13,157
Regional Municipality of Halton	97	1,478	19,833	18,555	38,388
Regional Municipality of Hamilton- Wentworth	169	2,474	30,625	28,985	59,610
Regional Municipality of Niagara	211	2,368	29,977	28,026	58,003
Regional Municipality of Ottawa-Carleton	228	3,644	40,126	37,259	77,385
Regional Municipality of Peel	176	3,340	39,975	38,246	78,221
Regional Municipality of Sudbury	107	1,289	15,783	15,037	30,820
Regional Municipality of Waterloo	146	2,027	24,467	23,211	47,678
Regional Municipality of York	98	1,420	18,368	16,952	35,320
Renfrew	63	645	7,329	6,935	14,264
Simcoe	108	1,410	17,752	16,511	34,263
Stormont, Dundas & Glengarry	83	756	7,880	7,467	15,347
Victoria	21	280	3,308	3,203	6,511
Wellington	67	784	9,977	9,318	19,295
Total, Counties	3,450	49,464	603,597	569,311	1,172,908

Table 6.30 (cont'd)

Schools, Teachers and Enrolment, by County and District, Ontario, 1977 and 1978

1978 ¹	Schools	Full-time Teachers	Enrolment		
			Male	Female	Total
Elementary (cont'd)					
Algoma	98	983	11,726	11,051	22,777
Cochrane	74	851	9,089	8,677	17,766
District Municipality of Muskoka	18	225	2,550	2,408	4,958
Kenora	42	379	4,240	3,926	8,166
Manitoulin	6	55	629	631	1,260
Nipissing	63	631	7,579	6,954	14,533
Parry Sound	23	252	2,602	2,324	4,926
Rainy River	22	185	2,138	1,989	4,127
Sudbury	35	342	3,638	3,432	7,070
Timiskaming	35	364	3,705	3,538	7,243
Thunder Bay	103	1,044	12,575	12,028	24,603
Total, Districts	519	5,311	60,471	56,958	117,429
Total Secondary					
	630	35,068	314,873	296,795	611,668
Brant	6	392	3,511	3,356	6,867
Bruce	7	205	1,867	1,951	3,818
Dufferin	2	135	1,306	1,278	2,584
Elgin	5	268	2,477	2,454	4,931
Essex	20	1,247	10,849	10,217	21,066
Frontenac	8	455	4,204	3,969	8,173
Grey	5	306	2,826	2,709	5,535
Hastings	8	515	4,629	4,330	8,959
Huron	5	273	2,293	2,323	4,616
Kent	11	493	4,032	4,144	8,176
Lambton	8	503	4,352	4,141	8,493
Lanark	4	203	1,873	1,830	3,703
Leeds & Grenville	7	353	3,212	3,060	6,272
Lennox & Addington	3	151	1,433	1,364	2,797
Middlesex	22	1,301	11,669	10,957	22,626
Municipality of Metropolitan Toronto	150	7,925	71,444	66,324	137,768
Northumberland	5	299	2,596	2,646	5,242
Oxford	7	354	3,190	3,169	6,359
Perth	5	302	2,699	2,662	5,361
Peterborough	8	423	3,950	3,754	7,704
Prescott & Russell	6	269	2,211	2,209	4,420
Prince Edward	1	82	717	708	1,425
Provisional County of Haliburton	1	41	341	295	636
Regional Municipality of Durham	20	1,139	10,573	10,267	20,840

Table 6.30 (cont'd)
Schools, Teachers and Enrolment, by County and District, Ontario, 1977 and 1978

1978 ¹	Schools	Full-time Teachers	Enrolment		
			Male	Female	Total
Secondary (cont'd)					
Regional Municipality of Haldimand- Norfolk	9	396	3,564	3,421	6,985
Regional Municipality of Halton	16	1,078	10,760	10,135	20,895
Regional Municipality of Hamilton- Wentworth	29	1,469	13,007	12,115	25,122
Regional Municipality of Niagara	29	1,534	13,636	12,795	26,431
Regional Municipality of Ottawa-Carleton	37	2,397	21,322	19,310	40,632
Regional Municipality of Peel	26	1,848	16,207	15,041	31,248
Regional Municipality of Sudbury	16	841	7,512	6,810	14,322
Regional Municipality of Waterloo	14	1,019	9,357	8,801	18,158
Regional Municipality of York	15	878	8,799	8,053	16,852
Renfrew	8	456	4,144	3,993	8,137
Simcoe	15	956	8,747	8,242	16,989
Stormont, Dundas & Glengarry	11	555	4,701	4,591	9,292
Victoria	3	183	1,616	1,634	3,250
Wellington	9	485	4,499	4,402	8,901
Total, Counties	561	31,729	286,125	269,460	555,585
Algoma	13	617	5,344	4,987	10,331
Cochrane	10	544	4,420	4,238	8,658
District Municipality of Muskoka	3	158	1,475	1,412	2,887
Kenora	6	228	1,942	1,778	3,720
Manitoulin	1	51	455	388	843
Nipissing	7	425	3,774	3,514	7,288
Parry Sound	2	168	1,418	1,394	2,812
Rainy River	4	120	1,073	995	2,068
Sudbury	3	114	992	979	1,971
Timiskaming	5	239	2,027	2,016	4,043
Thunder Bay	15	675	5,828	5,634	11,462
Total, Districts	69	3,339	28,748	27,335	56,083

1) All figures are as of September 30.

Source: Ministry of Education, *Education Statistics Ontario*.

Table 6.31
Total Full-Time Teachers¹ of Universities and Colleges² by Sex, Degree and Age, Ontario, 1973-74 to 1976-77

	Total Number	Under 25 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50 Years and Over	Age Not Reported
1973-74									
All Teachers									
Doctorate	6,698	-	318	1,537	1,572	1,214	849	1,080	128
Master's	2,748	10	346	678	513	365	308	460	68
First									
Professional	828	4	27	109	193	148	125	179	43
Bachelor's	687	17	103	133	111	72	73	148	30
Other	189	1	16	29	33	26	25	43	16
Total	11,150	32	810	2,486	2,422	1,825	1,380	1,910	285
Male									
Doctorate	6,153	-	285	1,401	1,477	1,123	772	975	120
Master's	2,203	6	274	547	423	299	242	356	56
First									
Professional	779	4	22	100	188	142	115	167	41
Bachelor's	487	5	63	91	80	55	54	116	23
Other	145	-	15	23	27	20	16	32	12
Total	9,767	15	659	2,162	2,195	1,639	1,199	1,646	252
Female									
Doctorate	545	-	33	136	95	91	77	105	8
Master's	545	4	72	131	90	66	66	104	12
First									
Professional	49	-	5	9	5	6	10	12	2
Bachelor's	200	12	40	42	31	17	19	32	7
Other	44	1	1	6	6	6	9	11	4
Total	1,383	17	151	324	227	186	181	264	33
1974-75									
All Teachers									
Doctorate	7,082	4	269	1,521	1,722	1,370	948	1,240	8
Master's	3,082	9	360	728	588	447	370	566	14
First									
Professional	695	9	28	95	152	122	111	178	-
Bachelor's	878	13	130	185	144	107	102	195	2
Other	378	5	40	65	75	68	46	76	3
Total	12,115	40	827	2,594	2,681	2,114	1,577	2,255	27
Male									
Doctorate	6,490	4	243	1,383	1,606	1,269	860	1,120	5
Master's	2,442	5	269	586	467	365	296	447	7
First									
Professional	636	6	22	82	146	116	101	163	-
Bachelor's	593	4	62	108	105	81	72	160	1
Other	305	2	33	52	64	56	37	59	2
Total	10,466	21	629	2,211	2,388	1,887	1,366	1,949	15
Female									
Doctorate	592	-	26	138	116	101	88	120	3
Master's	640	4	91	142	121	82	74	119	7
First									
Professional	59	3	6	13	6	6	10	15	-
Bachelor's	285	9	68	77	39	26	30	35	1
Other	73	3	7	13	11	12	9	17	1
Total	1,649	19	198	383	293	227	211	306	12

Table 6.31 (cont'd)
Total Full-Time Teachers¹ of Universities and Colleges² by Sex, Degree and Age, Ontario,
1973-74 to 1976-77.

	Total Number	Under 25 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50 Years and Over	Age not Reported
1975-76									
All Teachers									
Doctorate	7,369	1	233	1,446	1,832	1,430	1,049	1,373	5
Master's	3,086	12	322	669	611	471	384	608	9
First									
Professional	720	6	28	98	151	117	117	203	-
Bachelor's	845	13	110	164	142	114	94	208	-
Other	270	1	32	44	42	52	36	62	1
Total	12,290	33	725	2,421	2,778	2,184	1,680	2,454	15
Male									
Doctorate	6,758	1	213	1,312	1,693	1,339	943	1,254	3
Master's	2,425	8	232	536	480	375	309	481	4
First									
Professional	664	4	21	87	145	113	107	187	-
Bachelor's	582	5	57	89	102	90	68	171	-
Other	200	1	21	32	29	41	28	47	1
Total	10,629	19	544	2,056	2,449	1,958	1,455	2,140	8
Female									
Doctorate	611	-	20	134	139	91	106	119	2
Master's	661	4	90	133	131	96	75	127	5
First									
Professional	56	2	7	11	6	4	10	16	-
Bachelor's	263	8	53	75	40	24	26	37	-
Other	70	-	11	12	13	11	8	15	-
Total	1,661	14	181	365	329	226	225	314	7
1976-77									
All Teachers									
Doctorate	7,896	3	252	1,417	1,975	1,541	1,188	1,514	6
Master's	2,950	12	257	586	581	467	392	649	6
First									
Professional	739	2	18	93	141	139	131	215	0
Bachelor's	810	20	89	151	130	119	97	204	0
Other	262	0	29	39	42	48	31	69	4
Total	12,657	37	645	2,286	2,869	2,314	1,839	2,651	16
Male									
Doctorate	7,188	2	218	1,266	1,800	1,442	1,079	1,376	5
Master's	2,294	8	184	458	458	361	311	514	0
First									
Professional	668	1	9	77	134	129	120	198	0
Bachelor's	551	11	48	76	88	90	71	167	0
Other	198	0	22	25	29	42	24	52	4
Total	10,899	22	481	1,902	2,509	2,064	1,605	2,307	9
Female									
Doctorate	708	1	34	151	175	99	109	138	1
Master's	656	4	73	128	123	106	81	135	6
First									
Professional	71	1	9	16	7	10	11	17	0
Bachelor's	259	9	41	75	42	29	26	37	0
Other	64	0	7	14	13	6	7	17	0
Total	1,758	15	164	384	360	250	234	344	7

1) Staff members employed full-time whose primary function is instruction of students, supervision of students, organized research or faculty administration, but excludes persons responsible for university administration.
2) Does not include community colleges.

Table 6.32
Average Academic Salaries¹ by Rank at Universities², Ontario, 1972-73 to 1977-78

	1972-73	1973-74	1974-75 ³	1975-76	1976-77 ³	1977-78
	\$					
Full Professor	25,482	26,614	28,807	32,227	35,090	37,478
Associate Professor	18,527	19,262	20,784	23,135	25,537	27,563
Assistant Professor	14,762	15,409	16,756	18,811	20,444	21,887
Lecturer	12,073	12,498	13,699	15,716	16,688	18,106
Average	18,101	19,211	21,084	23,918	26,350	28,451

1) Salaries include those for Medical and Dental academic staff.

2) Ryerson not included.

3) Algoma not included.

Source: Ministry of Education,
University Affairs Division from Statistics
Canada University Faculty Salary Analysis System.

Table 6.33

Expenditures on Education, Percentage Distribution by Source of Funds, Canada and Ontario, Selected Years, 1960-1976

	Sources of Funds					
	Total	Government			Fees	Other Sources
		Federal ¹	Provincial ²	Municipal		
	\$'000's			%		
Canada ³						
1960	1,705,986	7.7	42.8	38.3	6.0	5.2
1965	3,399,505	10.8	46.7	30.5	5.9	6.1
1969 ^r	6,624,045	11.4	55.2	24.5	4.1	4.8
1970 ^r	7,676,049	12.1	56.2	22.4	4.2	5.1
1971 ^r	8,349,705	11.1	59.5	20.5	4.6	4.3
1972 ^r	8,675,696	10.9	60.5	20.6	4.8	3.2
1973 ^r	9,639,390	10.2	60.6	20.2	4.6	4.4
1974 ^r	11,063,699	9.5	63.5	18.8	4.3	3.9
1975	13,011,722	9.2	64.5	18.7	4.1	3.5
1976 ^p	15,221,837	9.4	65.2	18.6	3.9	2.9
Ontario						
1960	609,244	6.7	39.3	43.9	5.0	5.1
1965	1,238,526	9.2	48.4	32.1	5.0	5.3
1969	2,610,804	7.4	56.3	28.4	4.1	3.8
1970	2,962,418	7.2	58.6	26.6	4.1	3.5
1971	3,263,627	7.7	61.3	24.3	4.4	2.3
1972	3,358,661	8.6	60.1	22.6	5.0	3.7
1973	3,565,253	8.0	61.2 ^r	21.8 ^r	5.1	3.9
1974 ^r	3,994,938	7.8	61.5	22.3	4.9	3.5
1975	4,526,293	7.8	61.6	22.3	4.9	3.4
1976 ^p	5,517,964	8.5	59.5	24.6	4.5	2.9

1) Starting with 1967, the funds transferred to the provinces for the purpose of post-secondary education are classified as provincial expenditures.

2) The federal funds transferred to the provinces for the purposes of post-secondary education and minority language training are classified as provincial expenditures.

3) Includes Yukon, Northwest Territories, Overseas and undistributable expenditures.

Source: SC, *Education in Canada* 1978.

Table 6.34Ontario Graduate Fellowships¹/Scholarships, 1972-73 to 1978-79

Year ³	Students			Amounts ²		
	Resident ⁴	Non-Resident	Total	Fall and Winter	Summer	Total
					\$	
1972-73	1,243	75	1,318	1,949,950	776,433	2,726,383
1973-74	1,233	84	1,317	1,946,250 ^r	721,350	2,667,600 ^r
1974-75 ^r	1,025	77	1,102	1,587,690	524,048	2,111,738
1975-76 ^r	925	34	959	1,943,363	281,807	2,225,200
1976-77	946	41	987	2,903,841	363,641	3,267,482
1977-78	873	43	916	3,209,060	450,950	3,660,010
1978-79	1,131	49	1,180	2,776,650	609,000	3,385,650

1) Ontario Graduate Fellowships were superseded by Ontario Graduate Scholarships starting in the 1974-75 academic year, except for a transition period (Spring, 1974) when both O.G.F. and O.G.S. were awarded.

2) Fellowships/Scholarships require attendance for two out of three semester sessions. The regular academic year includes fall and winter but the amounts given include payments made to students who attend only one term following or preceding a summer session.

3) Represents fiscal year (April-March).

4) Resident refers to students who are Canadian Citizens or Landed Immigrants.

Source: Ministry of Education, *Students Award Branch*

Ontario Student Assistance Program¹, 1974-75 to 1977-78

	Number of Awards				Loan			Grant	
	Canada Student Loan	OSAP Loan Only	OSAP Loan and Grant	Total	Canada Student Loan	OSAP	Average	Total	Average
1974-75				\$			\$		\$
Universities	3,266	13,635	42,848	3,842,720	35,442,260	628		28,871,081	674
Ryerson	255	745	2,076	315,695	1,914,200	678		1,247,814	601
Royal Military College	-	1	5	-	3,950	658		2,050	410
Ontario College of Art	31	51	409	38,630	330,320	718		339,920	831
Teachers Colleges ⁵	12	70	333	14,280	285,680	709		237,610	714
C.A.A.T.'s ²	661	5,471	13,120	699,645	13,395,165	721		7,945,622	606
Agricultural Colleges	3	89	123	2,925	138,895	655		43,270	351
Bar Admission	...	...	...	...	...	...		...	...
Other Ontario Institutions ³	1,385	99	218	1,509,030	292,930	924		156,840	719
Out-of-province Institutions	1,641	621	1,896	1,867,755	1,366,250	2,200		1,131,560	597
Total	7,254	20,775	60,955	8,290,680	53,169,650	651		39,975,767	656
1975-76									
Universities	1,576	8,966	37,784	2,698,580	44,014,673	941		35,237,772	933
Ryerson	125	539	2,153	212,030	2,537,254	942		1,746,900	811
Royal Military College	1	2	3	1,690	5,200	1,040		1,210	403
Ontario College of Art	22	52	492	39,600	537,940	988		576,355	1,171
Teachers Colleges	6	53	380	9,230	413,945	956		308,255	811
C.A.A.T.'s ^{2,4}	428	4,055	12,581	637,030	16,377,741	982		10,051,871	798
Agricultural Colleges	2	114	58	2,300	130,690	760		17,875	308
Bar Admission	...	...	...	...	...	...		...	...
Other Ontario Institutions ³	879	141	626	1,383,710	839,682	1,095		697,258	1,114
Out-of-province Institutions ¹	1,482	264	2,045	2,485,080	2,368,186	1,025		2,244,649	1,098
Total ¹	4,521	14,186	56,122	7,469,250	67,185,311	956		50,822,145	907

Ontario Student Assistance Program¹, 1974-75 to 1977-78

	Number of Awards			Loan			Grant	
	Canada Student Loan	OSAP Loan Only	OSAP Loan and Grant	Canada Student Loan	OSAP	Canada Student Loan	OSAP	Average
						Total		
1976-77								
Universities	2,885	16,820	47,078	3,932,310	48,962,363	1,377	-	39,220,346
Ryerson	175	820	2,434	275,290	2,656,575	1,573	816	1,767,523
Royal Military College	1	1	4	1,690	5,390	1,690	1,078	1,750
Ontario College of Art	28	154	548	46,800	580,510	1,617	827	587,130
Teachers Colleges	11	92	468	13,580	493,140	1,235	881	365,240
C.A.A.T.'s	647	6,705	14,144	918,850	18,006,511	1,420	864	10,464,173
Agricultural Colleges	2	152	72	2,300	148,740	1,150	664	22,265
Bar Admission	...	...	...	...	...	...	...	...
Other Ontario Institutions	1,724	367	583	2,322,950	1,083,702	1,347	1,140	644,558
Out-of-province Institutions ⁴	1,883	521	2,298	2,773,510	2,533,406	1,473	899	2,340,861
Total	7,359	26,184	67,904	10,289,460	74,980,257	1,404	797	55,530,296
1977-78								
Universities	2,398	12,397	47,788	3,206,855	48,139,930	1,337	800	47,343,767
Ryerson	124	662	2,728	190,650	2,736,150	1,537	807	2,269,055
Royal Military College	-	3	2	-	4,360	-	872	1,300
Ontario College of Art	16	163	571	23,950	579,510	1,496	789	747,720
Teachers Colleges	2	50	364	2,270	378,180	1,135	913	330,960
C.A.A.T.'s ²	551	5,188	17,141	769,620	19,492,930	1,397	873	14,291,157
Agricultural Colleges	2	145	109	2,290	203,120	1,145	800	38,300
Bar Admission	-	193	341	-	602,730	-	1,128	171,690
Other Ontario Institutions ³	2,221	126	600	3,061,640	762,965	1,379	1,051	732,100
Out-of-province Institutions	2,329	378	2,506	3,498,430	2,613,255	1,502	906	2,921,145
Total	7,643	19,305	72,150	10,755,705	75,513,130	1,407	825	68,847,244

1) OSAP is the accepted abbreviation.
2) C.A.A.T.'s denotes Colleges of Applied Arts and Technology.
3) Includes eligible private schools, medical institutes, etc.
4) Data refers to Teachers Colleges at Hamilton, Toronto and Ottawa. All other teachers colleges were incorporated with the respective Universities and Institutions.
5) Data refers to Teachers Colleges at Hamilton, Toronto and Ottawa. All other teachers colleges were incorporated with the respective Universities and Institutions.

Table 6.36
Summary of Financial Statistics of School Boards, Ontario, 1976 and 1977

1976	Public Separate	Roman Catholic Separate	Total Elementary	Secondary	Grand Total
			\$'000's		
Revenue	1,310,665	577,081	1,887,746	1,321,366	3,209,112
Local Taxation ¹	654,700	96,539	751,239	620,323	1,371,562
Provincial Government - Grants, Subsidies	617,873	464,507	1,082,380	637,805	1,720,185
Provincial Government - Other	1,901	1,558	3,459	1,369	4,828
Federal Government Transfers from Other Boards	5,584	3,114	8,698	6,948	15,646
Individuals	5,970	3,066	9,036	22,881	31,917
Sale of Property and Insurance Proceeds	505	358	863	7,380	8,243
Other Revenue	2,130	1,214	3,344	1,730	5,074
Transfers from Reserves and Other Funds	6,610	2,865	9,475	13,518	22,993
	15,392	3,860	19,252	9,412	28,664
Expenditure	1,310,665	577,081	1,887,746	1,321,366 ³	3,209,112
Business Administration	23,697	15,481	39,178	24,694	63,872
Computer Services	2,482	876	3,358	5,043	8,401
Instruction, Day Schools - Salaries and Fringe Benefits	797,142	332,318	1,129,460	800,089	1,929,549
Instruction, Day Schools - Supplies and Other Expenses	97,007	54,207	151,214	111,476	262,690
Educational Services	24,042	10,314	34,356	20,908	55,264
Attendance, Health and Food Services	3,077	628	3,705	8,200	11,905
Plant Operation & Plant Maintenance	165,599	66,865	232,464	153,681	386,145
Transportation	51,747	28,799	80,546	43,309	123,855
Capital Expenditure from Revenue (non- allocable)	26,326	9,526	35,852	18,154	54,006
Debt Charges ²	91,187	45,500	136,687	74,423	211,110
Other Operating Expenditure	5,097	3,150	8,247	5,699	13,946
Net Day School Expenditure	1,287,403	567,664	1,855,067	1,265,676	3,120,743
Expenditure for Adult Education	284	1,282	1,566	16,137	17,703
Transfers to Other Boards	3,961	2,784	6,745	21,489	28,234
Non-operating Expenditure	3,810	614	4,424	3,196	7,620
Tax Write-offs and Revisions	8,304	666	8,970	6,862	15,832
Provision for Reserves and Other Funds	6,903	4,071	10,974	8,006	18,980

Table 6.36 (cont'd)**Summary of Financial Statistics of School Boards, Ontario 1976 and 1977**

1977	Public Seperate	Roman Catholic Seperate	Total Elementary	Secondary	Grand Total
\$'000's					
Revenue	1,425,442	637,855	2,063,297	1,464,759	3,528,056
Local Taxation ¹	723,724	107,778	831,502	711,530	1,543,032
Provincial Government - Grants, Subsidies	669,027	514,917	1,183,944	686,642	1,870,586
Provincial Government - Other	1,260	917	2,177	1,193	3,370
Federal Government Transfers from Other Boards	5,743	3,955	9,698	8,511	18,209
Individuals	6,456	3,592	10,048	24,846	34,894
Sale of Property and Insurance Proceeds	541	500	1,041	8,442	9,483
Other Revenue	3,122	2,832	5,954	2,125	8,079
Transfers from Reserves and Other Funds	10,262	2,987	13,249	15,388	28,637
	5,307	377	5,684	6,082	11,766
Expenditure	1,425,442	637,855	2,063,297	1,464,759 ³	3,528,056
Business Administration	25,599	16,822	42,421	27,463	69,884
Computer Services	2,891	1,004	3,895	6,092	9,987
Instruction, Day Schools - Salaries and Fringe Benefits	875,543	370,951	1,246,494	897,191	2,143,685
Instruction, Day Schools - Supplies and Other Expenses	107,120	60,815	167,935	123,677	291,612
Educational Services	26,065	11,177	37,242	23,221	60,463
Attendance, Health and Food Services	3,305	639	3,944	8,989	12,933
Plant Operation and plant maintenance	180,972	73,505	254,477	169,817	424,294
Transportation	57,493	32,442	89,935	47,123	137,058
Capital Expenditure from Revenue (non- allocable)	20,370	6,663	27,033	17,306	44,339
Debt Charges ²	90,907	48,439	139,346	75,725	215,071
Other Operating Expenditure	6,471	2,820	9,291	6,352	15,643
Net Day School Expenditure	1,396,736	625,277	2,022,013	1,402,956	3,424,969
Expenditure for Adult Education	277	1,631	1,908	17,100	19,008
Transfers to Other Boards	4,365	4,494	8,859	24,195	33,054
Non-operating Expenditure	4,022	999	5,021	2,857	7,878
Tax Write-offs and Revisions	12,007	780	12,787	10,195	22,982
Provision for Reserves and Other Funds	8,035	4,674	12,709	7,456	20,165

1) Represents the portion of the total expenditure required to be raised by local taxation.

2) Includes interest on short term borrowings for capital purposes.

3) Includes revenue and expenditure in respect of schools for trainable retarded pupils.

Source: Ministry of Education, *Education Statistics Ontario*.

Table 6.37
Local Taxation¹ for Education, Ontario, 1967–1977

	Public	Roman Catholic Separate	Total Elementary	Secondary	Grand Total
	\$'000's				
1967	274,349	38,706	313,055	237,307	550,362
1968	307,873	42,265	350,138	282,833	632,971
1969	365,409	49,985	415,394	335,017	750,411
1970	404,249	53,893	458,142	341,061	799,203
1971	397,412	54,080	451,492	333,929	785,421
1972	395,658	53,190	448,848	339,106	787,954
1973	403,151	56,164	459,315	345,190	804,505
1974	449,297	60,310	509,607	393,988	903,595
1975	513,661	72,046	585,707	437,299	1,023,006
1976	654,700	96,539	751,239	620,323	1,371,562
1977	723,724	107,778	831,502	711,530	1,543,032

¹ Represents the portion of the total expenditure required to be raised by local taxation.

Source: Ministry of Education, *Education Statistics Ontario*.
Reports of the Minister of Education.

Table 6.38
Provincial Grants to School Boards, General Legislative Grants, Ontario, 1965–1978

	Public	Roman Catholic Separate	Total Elementary	Secondary ¹	Total General Legislative Grants ²
	\$ Million				
1965	131.3	75.6	206.9	121.6	328.5
1966	147.8	88.0	235.8	137.2	373.1
1967	179.2	121.8	300.9	171.1	472.0
1968	216.2	147.6	363.8	189.1	552.8
1969	241.1	165.7	406.8	227.6	634.4
1970	294.4	199.6	494.1	326.7	820.8
1971	366.7	232.6	599.3	412.7	1,012.0
1972	412.9	264.9	677.7	466.7	1,144.4
1973	457.8	284.8	742.6	503.4	1,246.0
1974	485.8	326.2	811.9	540.6	1,352.5
1975	570.0	396.2	966.2	597.8	1,564.0
1976	615.9	454.4	1,070.2	634.6	1,704.9
1977	662.0	511.5	1,173.5	684.6	1,858.0
1978	679.4	557.9	1,237.3	708.8	1,946.1

¹ Payments totalling \$51,112,265, \$22,343,437, \$4,178,154 and \$777,055 respectively were made by the Province in the 1971, 1972, 1973, and 1974 calendar years to compensate for the phasing out of participation by the Government of Canada in this area. Vocational grant payments terminated March 31, 1974. Additional payments for French-language instruction in the National Capital Region are included in the "Total General Legislative Grants". These totalled \$1,470,000, \$1,090,000, \$2,377,613, and \$400,194 in the 1974, 1975, 1976, and 1977 calendar years respectively.

² Excludes payments by the Province to school boards for services rendered, such as for the education of pupils from certain unorganized areas and the use of schools for practice teaching, and the Students' Summer Employment Program.

Source: Ministry of Education, *Education Statistics, Ontario*.
Reports of the Minister of Education.

Table 6.39
Comparison of Ontario Population¹ and Publicly Supported Elementary and Secondary School Enrolment² by Selected Age Groups, 1970–1978

Year	Total population of Ontario	Total (elementary and secondary) Enrolment	Enrolment as per cent of total population	Population of Ontario by Selected Age Groups		
				4–13	14–18	4–18
	'000's				'000's	
1970	7,637.0	2,022,401	26.5	1,575.2	708.4	2,283.6
1971	7,703.1	2,031,360	26.4	1,552.4	731.9	2,284.3
1972	7,833.9	2,208,114	25.9	1,528.2	744.9	2,273.1
1973	7,938.9	2,008,610	25.3	1,502.4	768.8	2,271.2
1974	8,093.0	1,994,489	24.6	1,484.2	783.9	2,268.1
1975	8,255.8	1,994,638	24.2	1,463.1	803.1	2,266.2
1976	8,264.5	1,973,140	23.9	1,428.8	816.0	2,244.8
1977	8,358.5	1,943,226	23.2	1,389.2	825.9	2,215.0
1978	8,452.8	1,902,005	22.5	1,349.3	830.4	2,179.7

Table 6.39 (cont'd.)

Year	Elementary School Enrolment in Age Group 4–13	Secondary School Enrolment in Age Group 14–18	Elementary and Secondary School Enrolment Age Group 4–18	School Enrolment as per cent of Population in Appropriate Age Group		
				4–13	14–18	4–18
1970	1,408,364	505,726	2,001,670	89.4	71.4	87.7
1971	1,398,713	523,817	2,011,684	90.1	71.6	88.1
1972	1,385,057	532,527	2,003,969	90.6	71.5	88.2
1973	1,360,948	537,948	1,986,121	90.6	70.0	87.4
1974	1,340,219	542,314	1,971,418	90.3	69.2	86.9
1975	1,323,122	557,575	1,970,801	90.4	69.4	87.0
1976	1,294,738	566,352	1,949,419	90.6	69.4	86.8
1977	1,262,034	570,034	1,919,904	90.8	69.0	86.7
1978	1,220,870	567,818	1,788,688	90.5	68.4	82.1

1) Statistics Canada estimates except those for 1971 and 1976 to 1978. Data for 1971 and 1976 are census figures, while 1977 and 1978 data are from projections by single years of age produced by Central Statistical Services, Ministry of Treasury and Economics, November 1978. It should be noted that 1977 population figures have been revised. Population is as of June 1st.

2) Enrolment on the last school day in September.

Table 6.40
Public Education in Ontario, 1978

	Boards Operating Schools	Schools in Operation	Number of Full-Time Teachers	Enrolment		
				Male	Female	Total
Public	116 ¹	2,629	37,277	450,395	419,759	870,154
Roman Catholic Separate	58	1,340	17,498	213,673	206,510	420,183
Sub-Total (Elementary)	174 ¹	3,969	54,775	664,068	626,269	1,290,337
Secondary	79	630	35,068	314,873	296,795	611,668
Sub-Total (Elementary and Secondary)	175 ²	4,599	89,843	978,941	923,064	1,902,005 ⁷
Trainable Retarded	67 ³	176	888	4,077	3,063	7,140
Provincial Schools	—	30 ⁶	574	1,700	894	2,594
Schools or Special Education Programs in Treatment Centres	43 ⁴	123	441	1,587	669	2,256
Grand Total	185 ⁵	4,928	91,747	986,305	927,690	1,913,995

1) Two Protestant separate school boards are included in this total.

2) The total excludes the duplication of seventy-eight boards of education that operate both elementary and secondary schools, two of which are on Crown Land.

3) The Metropolitan Toronto School Board operates only schools for the trainable retarded. The remaining sixty-six boards of education also operate elementary and/or secondary schools.

4) Thirty-four of these are school boards that also operate elementary and/or secondary schools.

5) The net total excludes the duplication of the boards that operate more than one type of school. On September 30, 1978, there was a total of 194 boards, but 7 boards did not operate schools.

6) There are twenty-four such schools managed by the Ministry of Education. Six of these operate at both the elementary and secondary level. Four schools, three for the deaf and one for the blind are institutions operated by the Ministry of Education. Of the remaining schools, twenty are in facilities operated by the Ministry of Community and Social Services; thirteen of which are developmental centre schools and seven are juvenile training centres.

7) This total should be used when making comparisons with earlier years in which only elementary and secondary school enrolments were reported.

Table 6.41
French as a Second Language, Canada¹ and Ontario 1970-71 to 1977-78

		Participation Rate		Participation Index	
		Canada ¹	Ontario	Canada ¹	Ontario
		1970-71 = 100%			
1970-71	Elementary	28.4	37.5	100.0	100.0
	Secondary	55.8	48.9	100.0	100.0
1971-72 ³	Elementary	30.8	41.2	108.6	110.0
	Secondary	53.2	44.5	95.2	90.9
1972-73 ³	Elementary	33.3	43.9	117.3	117.1
	Secondary	47.0	39.4	84.3	80.6
1973-74 ²	Elementary	34.8	44.7	122.6	119.3
	Secondary	43.7	36.4	78.2	74.4
1974-75 ²	Elementary	36.8	46.0	126.0	120.4
	Secondary	41.6	33.9	75.0	71.3
1975-76	Elementary	38.4	48.9	135.0	131.0
	Secondary	41.5	35.5	74.0	73.0
1976-77	Elementary	39.1	49.9	138.0	133.0
	Secondary	40.9	35.8	73.0	73.0
1977-78	Elementary	42.0	53.9	148.0	144.0
	Secondary	40.2	36.2	72.0	74.0

1) Nine provinces, not including Québec where English is the second official language.
2) Canada includes Manitoba private.
3) Canada includes private in all provinces except N.B. in 1971-72 and P.E.I., Ontario and B.C. for both years.

Source: SC, Education, Science and Culture Division, *Minority and Second Language Education, Elementary and Secondary Levels*.

Crime and Justice

Highlights

- **Offences** — The number of adults charged in 1977 in Ontario was 278,427, representing an increase of 4.2 per cent over the 1976 mark. Males accounted for 246,015 or 88.4 per cent of the total.

The highest rate of actual offences per 100,000 total population as of June 1, 1977 in Ontario in 1977 was 2268.6 for "theft \$200 and under". Rates for some other offences were as follows: 392.8 for "frauds"; 269.1 for "Cannibis"; 118.4 for "stolen goods"; 66.1 for offensive weapons"; 6.6 for "rape"; and 39.6 for "other sexual offences".

Data for 1977 show that in terms of rate of crime per 100,000 population for each police jurisdiction, Sarnia and Thunder Bay had "all offences" rates in excess of 14,000.0. For some of the other larger centres in Ontario, Toronto had a rate of 9,058.3, Hamilton-Wentworth 13,719.3, Ottawa 10,938.5, London 11,040.0, and Brantford 13,878.9.

- **Proceeding Against Persons Charged** — Of the 54,035 charges for indictable offences in Ontario, 77.3 per cent resulted in conviction. In terms of offences punishable on summary conviction, the mark of 1.0 million reached in 1973 represented a 13.7 per cent decrease over the previous year.
- **Juveniles** — The number of juveniles charged in 1977 in Ontario was 19,986 representing a decrease of 6.0 per cent from the 1976 mark. Males accounted for 16,976 or 84.9 per cent of the 1977 total.

From 1969 to 1973, the number of juvenile delinquencies rose from 10,514 to 14,869, an increase of 41.4 per cent. Of the total number of delinquencies in 1973, the most common type was "theft and having in possession" with 5,353, followed by "breaking and entering a place" with 3,151.

Of the 17,890 dispositions made in 1977 suspensions accounted for 26.9 per cent, probation for 47.6 per cent, and fine or restitution 9.8 per cent.
- **Correctional Institutions** — In 1977, males accounted for 4,954 or 97.1 per cent of the total population of inmates in provincial adult institutions. In the provincial jails, the figures for total prisoners are, of course, much higher than the other adult institutions due to their differing functions. Total number of prisoners steadily declined between the years 1971 and 1975. The 1978 figure of 61,834 persons, however, reflects a 4.7 per cent increase from the 1977 mark. In 1978 the age group 19–24 years represented the highest number of prisoners with 34.0 per cent of the total. Closely following was the next oldest age group (25–35) with 25.0 per cent of the total. (It should be noted though, that these age groups represent unequal number of years).
- **Motor Vehicle Accidents** — Motor vehicle accidents in Ontario from 1960 to 1977 rose from 87,186 to 218,567, an increase of 150.7 per cent. Over the 1-year period between 1976 and 1977, the number of persons killed decreased 6.0 per cent and the number of persons injured increased 14.2 per cent.

Definitions

An Indictable Offence — Is one regarded as an offence not only against a person but against the whole state. These offences are designated by statute, which also defines maximum punishment in each case; they demand a more formal hearing than ordinary offences.

Ordinary (Summary) Offences — Are those not expressly made indictable; they are, as a rule, minor. All provincial statutes and municipal by-laws are in this category (such as offences against traffic, liquor laws and breaches of the peace). Maximum sentence for a summary offence is \$500 fine and/or six months imprisonment.

Actual Offences — Actual offences are those reported or known to police which investigation proved to be founded.

Assault – A person commits an assault when, without the consent of another person or with consent, where it is obtained by fraud, (a) he applies force intentionally to the person of the other, directly or indirectly, or (b) he attempts or threatens, by an act or gesture, to apply force to the person of the other, if he has or causes the other to believe upon reasonable grounds that he has present ability to effect his purpose.

Attempted Murder – Everyone who, having an intent to commit an offence, does, or omits to do anything for the purpose of carrying out his intention, is guilty of an attempt to commit the offence whether or not it was possible under the circumstances to commit the offence.

Breaking and Entering – Everyone who (a) breaks and enters a place with intent to commit an indictable offence therein, (b) breaks and enters a place and commits an indictable offence therein, or (c) breaks out of a place after (i) committing an indictable offence therein, or (ii) entering the place with intent to commit an indictable offence therein, is guilty of an indictable offence.

Crime – Persons charged are reported as adult or juvenile and male or female. Total persons charged does not represent an unduplicated count of individuals charged during the year. The same person is counted on each occasion that he has been charged with having committed an offence.

The method for reporting offences against the person, i.e., murder, attempted murder, rape, other sexual offences, wounding, assaults, and other offences against the person, is that one offence is reported for each victim. When reporting offences against property, i.e., robbery, breaking and entering, theft and other offences against property, one offence is reported for each distinct or separate operation. A distinct operation means the same time location and circumstances.

Juvenile Delinquent — A juvenile delinquent as defined in the Juvenile Delinquents Act means any child who violates any provision of the Criminal Code or of any Federal or Provincial statute, or any by-law or ordinance of any municipality, or who is guilty of sexual immorality or any similar form of vice, or who is liable by reason of any other act to be committed to an industrial school or juvenile reformatory under the provision of any Federal or Provincial statute. The commission by a child of any of these acts constitutes an offence to be known as a delinquency.

Manslaughter – Culpable homicide that is not murder or infanticide is manslaughter.

Rape – A male person commits rape when he has sexual intercourse with a female person who is not his wife, (a) without her consent, or (b) with her consent if the consent (i) is extorted by threats or fear of bodily harm, (ii) is obtained by impersonating her husband, or (iii) is obtained by false and fraudulent representations as to the nature and quality of the act.

Robbery – Force or threat of force is a necessary ingredient in robbery whereas stealing from the person may be, and usually is, done secretly. Robbery includes stealing with violence, with threats of violence, or stealing while armed.

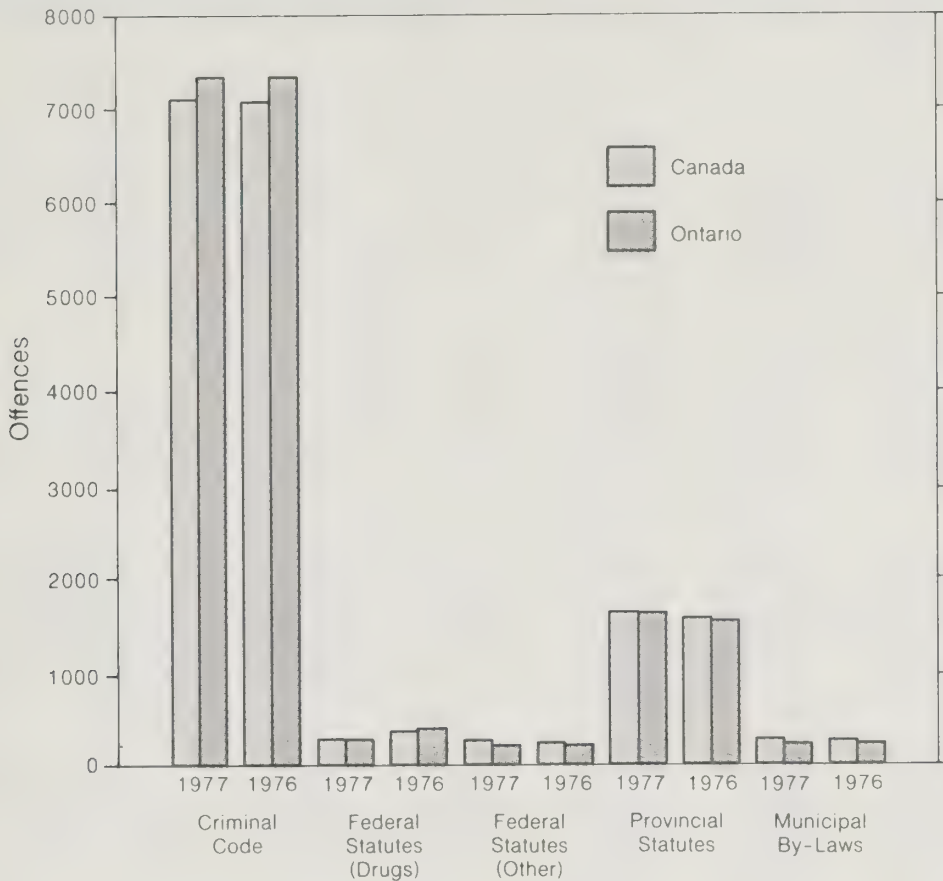
Theft of Motor Vehicle – A motor vehicle is a vehicle which is propelled or driven otherwise than by muscular power but does not include a vehicle which operates on rails. Registration shall not be a criterion for determining whether a particular vehicle is a motor vehicle.

Uniform Crime Reporting – The Uniform Crime Reporting program surveys the police administration, crime and traffic enforcement aspects of municipal police forces in centres with a population of 750 and over, that employ full-time police personnel, federal, provincial, railway and National Harbours Board police forces.

Wounding – Everyone who with intent (a) to wound, maim or disfigure any person, (b) to endanger the life of any person, or (c) to prevent the arrest or detention of any person, discharges a firearm, air gun, or air pistol at or causes bodily harm in any way to any person, whether or not that person is the one mentioned in paragraph (a), (b) or (c), is guilty of an indictable offence.

Graph 7.A

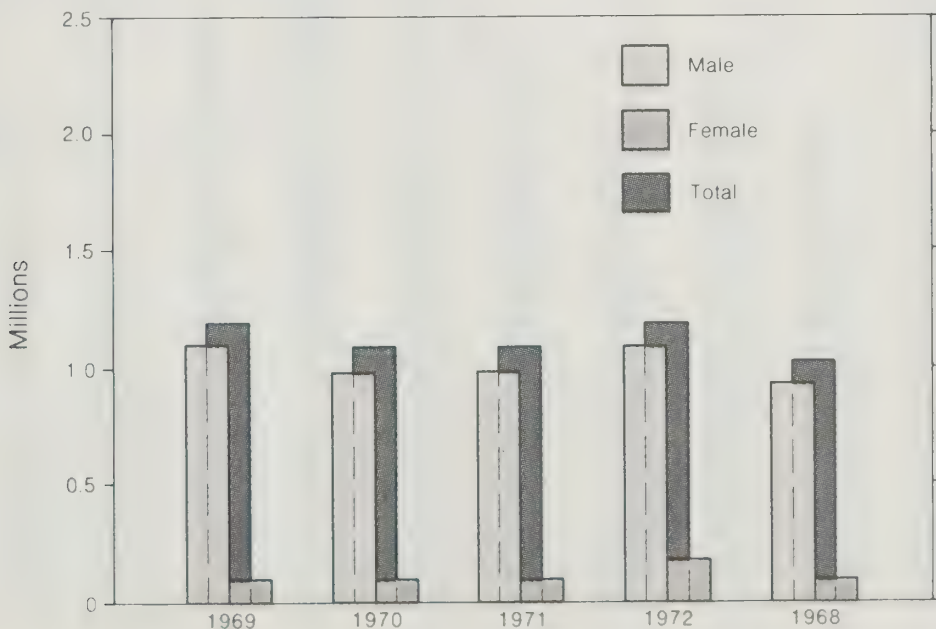
Rate of Offences Per 100,000 Population, Canada and Ontario, 1976 and 1977



Refer to Table 7.3

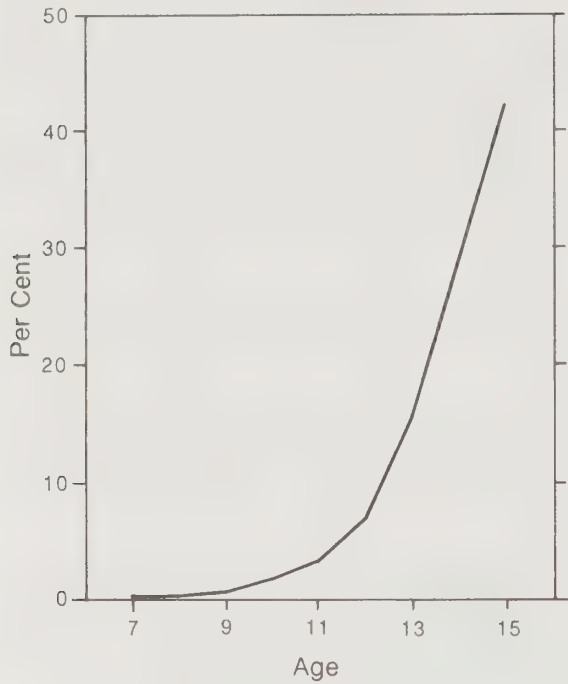
Graph 7.B

Convictions of Offences, Ontario, 1969-1973



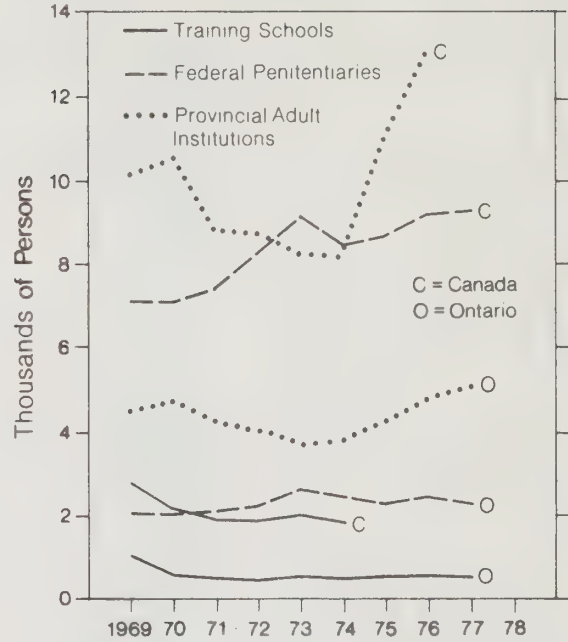
Refer to Table 7.6

Graph 7.C
Juvenile Delinquents by Age,
Ontario, 1977



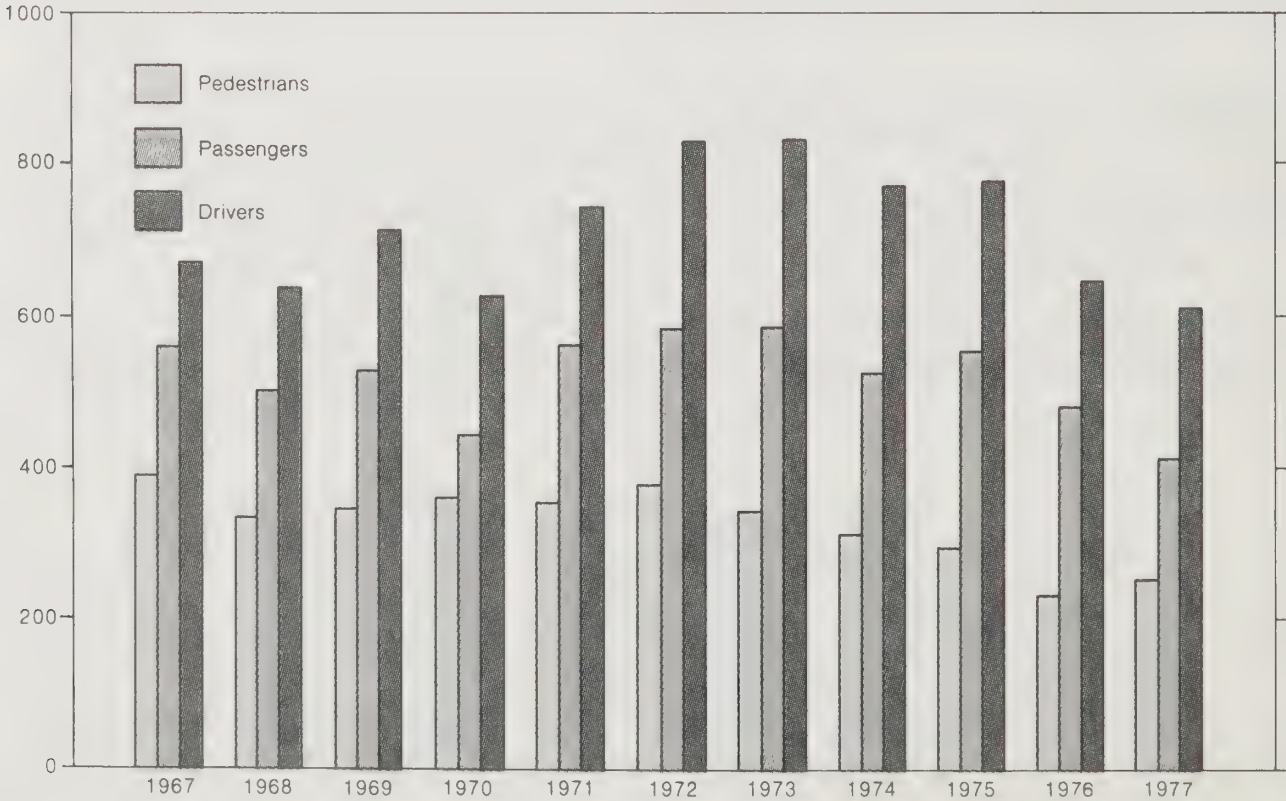
Refer to Table 7 11

Graph 7.D
Persons in Correctional Institutions ,
Canada and Ontario, 1969 - 1977



Refer to Table 7 14

Graph 7.E
Persons Killed in Motor Vehicle Accidents, Ontario, 1967-1977



Source: Ministry of Transportation and Communications *Motor Vehicle Collision Facts*

Table 7.1**Number of Adults Charged by Offence Group, Canada and Ontario, 1972–1977**

Year	Offence Group	Canada			Ontario		
		Total	Male	Female	Total	Male	Female
1972	Criminal Code	215,091	187,800	27,291	90,214	77,690	12,524
	Federal Statutes ¹	42,387	38,465	3,922	18,043	16,281	1,762
	Provincial Statutes	216,874	203,450	13,424	107,769	100,432	7,337
	Municipal Statutes	39,861	35,333	4,528	5,284	4,589	695
	Total	514,213	465,048	49,165	221,310	198,992	22,318
1973	Criminal Code	239,104	206,388	32,716	99,248	84,594	14,654
	Federal Statutes ¹	63,637	57,247	6,390	28,767	25,699	3,068
	Provincial Statutes	231,161	216,162	14,999	122,549	114,619	7,930
	Municipal Statutes	35,987	31,646	4,341	5,661	4,690	971
	Total	569,889	511,443	58,446	256,225	229,602	26,623
1974	Criminal Code	252,100	217,025	35,075	103,301	87,755	15,546
	Federal Statutes ¹	68,330	61,993	6,337	28,284	25,496	2,788
	Provincial Statutes	256,365	240,509	15,856	136,146	127,295	8,851
	Municipal By-Laws	28,880	25,585	3,295	5,373	4,414	959
	Total	605,675	545,112	60,563	273,104	244,960	28,144
1975	Criminal Code	273,887	235,462	38,425	116,588	98,458	18,130
	Federal Statutes ¹	63,909	58,067	5,842	26,214	23,546	2,674
	Provincial Statutes	267,340	249,803	17,537	133,020	123,948	9,072
	Municipal By-Laws	26,400	23,440	2,960	6,034	4,865	1,169
	Total	631,536	566,772	64,764	281,856	250,811	31,045
1976	Criminal Code	297,630	254,380	43,250	129,268	108,484	20,784
	Federal Statutes ¹	75,925	68,563	7,362	29,566	26,341	3,225
	Provincial Statutes	247,870	231,870	16,000	101,745	95,070	6,675
	Municipal By-Laws	26,280	22,756	3,524	6,614	5,023	1,591
	Total	647,705	577,569	70,136	267,193	234,918	32,275
1977	Criminal Code	309,785	265,677	44,108	131,799	111,375	20,424
	Federal Statutes ¹	83,997	76,146	7,851	32,017	28,825	3,192
	Provincial Statutes	265,990	247,778	18,212	108,416	100,916	7,500
	Municipal By-Laws	26,689	23,000	3,689	6,195	4,899	1,296
	Total	686,461	612,601	73,860	278,427	246,015	32,412

¹⁾ Federal Statutes include drug offences under the Narcotic Control Act and Food and Drug Act.Source: SC, *Crime and Traffic Enforcement Statistics*.

Table 7.2

Number of Actual Offences, Cleared by Charge and Otherwise, Percentage Cleared and Offence Rate per 100,000 of Population Age 7 Years and Over, Canada and Ontario, 1970-1977¹

Offence	1970		1971	
	Canada	Ontario	Canada	Ontario
Offence				
Actual offences	1,574,145	591,587	1,648,817	629,000
Cleared by charge	568,400	245,071	575,749	246,310
Cleared otherwise	262,685	79,162	286,474	84,780
Percentage cleared	52.8	54.8	52.3	52.6
Offence rate per 100,000 population	8,458.6	8,882.2	8,678.6	9,180.6
Criminal Code				
Actual offences	1,109,988	417,043	1,166,457	454,044
Cleared by charge	243,752	94,726	254,273	98,060
Cleared otherwise	154,280	64,311	160,372	69,901
Percentage cleared	35.9	38.1	35.5	37.0
Offence rate per 100,000 population	5,964.4	6,261.5	6,139.7	6,627.0
Federal Statutes ²				
Actual offences	55,283	17,337	63,674	21,991
Cleared by charge	36,641	12,864	40,757	15,623
Cleared otherwise	9,784	2,577	9,942	2,642
Percentage cleared	83.9	89.1	79.6	83.1
Offence rate per 100,000 population	297.1	260.3	335.1	321.0
Provincial Statutes				
Actual offences	335,788	138,283	344,771	134,860
Cleared by charge	242,292	128,130	236,214	124,458
Cleared otherwise	81,035	6,511	97,370	6,598
Percentage cleared	96.3	97.4	96.8	97.2
Offence rate per 100,000 population	1,804.3	2,076.2	1,814.7	1,968.3
Municipal By-Laws				
Actual offences	73,086	18,924	73,915	18,105
Cleared by charge	45,715	9,351	44,505	8,169
Cleared otherwise	7,586	5,763	18,790	5,639
Percentage cleared	86.6	79.9	85.6	76.3
Offence rate per 100,000 population	392.7	284.1	389.1	264.3

Table 7.2 (cont'd)

Number of Actual Offences, Cleared by Charge and Otherwise, Percentage Cleared and Offence Rate per 100,000 of Population Age 7 Years and Over, Canada and Ontario, 1970-1977¹

Offence	1972		1973	
	Canada	Ontario	Canada	Ontario
Offence				
Actual offences	1,650,231	634,009	1,809,135	690,042
Cleared by charge	582,504	251,697	641,911	286,164
Cleared otherwise	269,964	89,683	303,510	108,018
Percentage cleared	51.7	53.8	52.3	57.1
Offence rate per 100,000 population	7,562.8	8,103.5	8,188.1	8,691.9
Criminal Code				
Actual offences	1,218,622	471,266	1,351,323	503,135
Cleared by charge	282,977	116,490	331,390	138,751
Cleared otherwise	166,556	71,422	186,166	78,799
Percentage cleared	36.9	39.9	38.3	43.2
Offence rate per 100,000 population	..	..	..	..
Federal Statutes ²				
Actual offences	39,779	17,191	42,786	15,599
Cleared by charge	28,627	14,216	29,474	12,557
Cleared otherwise	6,999	2,050	7,255	1,570
Percentage cleared	89.6	94.6	85.8	90.1
Offence rate per 100,000 population	182.3	219.7	193.6	196.5
Provincial Statutes				
Actual offences	318,250	128,282	339,119	148,661
Cleared by charge	229,126	115,118	243,652	128,575
Cleared otherwise	76,216	9,478	85,566	16,540
Percentage cleared	95.9	97.1	97.1	97.6
Offence rate per 100,000 population	1,458.5	1,639.6	1,534.8	1,872.6
Municipal By-Laws				
Actual offences	73,580	17,270	75,907	22,647
Cleared by charge	41,774	5,873	37,395	6,281
Cleared otherwise	20,193	6,733	24,523	11,108
Percentage cleared	84.2	73.0	81.6	76.8
Offence rate per 100,000 population	337.2	220.7	343.6	285.3

Table 7.2 (cont'd)

Number of Actual Offences, Cleared by Charge and Otherwise, Percentage Cleared and Offence Rate per 100,000 of Population Age 7 Years and Over, Canada and Ontario, 1970-1977¹

Offence	1974		1975	
	Canada	Ontario	Canada	Ontario
Offence				
Actual offences	2,009,886	758,135	2,132,507	805,694
Cleared by charge	680,916	300,150	701,145	307,293
Cleared otherwise	332,770	112,223	338,812	121,481
Percentage cleared	50.5	54.4	48.8	53.2 ^r
Offence rate per 100,000 population	8,954.2	9,366.7	9,353.1	9,794.5
Criminal Code				
Actual offences	1,456,885	539,849	1,585,805	589,624
Cleared by charge	307,450	124,852	329,260	137,855
Cleared otherwise	198,191	84,849	209,379	89,633
Percentage cleared	34.7	38.8	34.0	38.6
Offence rate per 100,000 population	6,490.5	6,669.8	6,955.3	7,167.8
Federal Statutes ²				
Actual offences	102,979	37,857	100,514	37,261
Cleared by charge	77,158	31,300	72,675	29,684
Cleared otherwise	15,254	4,371	14,908	4,563
Percentage cleared	89.9	94.7	87.1	90.4
Offence rate per 100,000 population	458.8	467.7	440.8	452.2
Provincial Statutes				
Actual offences	368,716	159,730	381,388	157,896
Cleared by charge	265,468	136,189	271,346	133,981
Cleared otherwise	90,187	16,992	94,897	19,348
Percentage cleared	96.5	97.1	96.0	97.2
Offence rate per 100,000 population	1,642.7	1,973.5	1,672.5	1,919.5
Municipal By-Laws				
Actual offences	81,306	20,699	64,860	20,973
Cleared by charge	30,840	5,809	27,864	6,373
Cleared otherwise	29,138	6,011	19,628	7,937
Percentage cleared	73.7	57.1	73.3	68.2
Offence rate per 100,000 population	362.2	255.7	284.2	255.0

Table 7.2 (cont'd)

Number of Actual Offences, Cleared by Charge and Otherwise, Percentage Cleared and Offence Rate per 100,000 of Population Age 7 Years and Over, Canada and Ontario, 1970-1977¹

Offence	1976		1977	
	Canada	Ontario	Canada	Ontario
Offence				
Actual offences	2,182,777	803,461	2,226,601	810,284
Cleared by charge	718,812	289,507	764,593	302,546
Cleared otherwise	359,806	129,446	352,221	122,236
Percentage cleared	49.4	52.1	50.1	52.3
Offence rate per 100,000 population	9,445.2	9,644.2	9,559.8	9,676.7
Criminal Code				
Actual offences	1,637,704	613,002	1,654,020	614,668
Cleared by charge	354,984	147,412	364,991	149,111
Cleared otherwise	220,389	97,004	219,018	92,338
Percentage cleared	35.2	39.8	35.2	39.2
Offence rate per 100,000 population	7,086.6	7,358.1	7,101.5	7,340.6
Federal Statutes ²				
Actual offences	113,413	39,057	131,720	42,292
Cleared by charge	85,774	30,612	100,085	33,756
Cleared otherwise	15,807	4,639	19,836	5,146
Percentage cleared	89.6	90.3	91.0	92.0
Offence rate per 100,000 population	490.7	468.8	565.1	504.8
Provincial Statutes				
Actual offences	367,482	128,794	379,588	135,785
Cleared by charge	250,847	104,496	272,047	113,297
Cleared otherwise	103,194	18,895	96,182	18,887
Percentage cleared	96.4	95.8	96.9	97.3
Offence rate per 100,000 population	1,590.1	1,546.0	1,629.7	1,621.6
Municipal By-Laws				
Actual offences	64,178	22,608	61,273	17,539
Cleared by charge	27,207	6,987	27,470	6,382
Cleared otherwise	20,416	8,908	17,185	5,865
Percentage cleared	74.2	70.3	72.8	69.7
Offence rate per 100,000 population	277.7	271.4	263.0	209.4

1) From 1972, rates for any year were calculated on total population as of June 1 of that year.

2) Federal Statutes include drugs.

3) Criminal Code values for Canada and Ontario, 1972 and 1973 were calculated from the values given for "All Offences", "Federal Statutes", "Provincial Statutes" and "Municipal By-Laws".

4) Federal Statute values for Canada and Ontario, 1974 and 1975, were calculated from the values given for "Federal Statutes-Drugs" and "Other Federal Statutes".

Source: SC, *Crime and Traffic Enforcement Statistics*.

Table 7.3

Rate of Actual Offences per 100,000 Population (For the Uniform Crime Reporting Offence Classification), by Province, Canada, 1977

Offence	Canada	Ontario	Newfound- land	Nova Scotia	New Brunswick	Prince Edward Island	Québec
Murder ¹	2.6	2.0	1.1	1.3	1.9	0.0	2.8
Attempted Murder	2.9	2.1	0.0	1.3	1.3	0.8	3.4
Manslaughter	0.3	0.1	0.1	0.3	3.4	0.8	0.2
Rape	8.0	6.6	6.2	5.2	1.8	1.6	6.5
Other Sexual Offences	38.9	39.6	30.9	28.3	21.9	10.8	38.0
Wounding	8.8	9.3	1.6	3.9	1.1	1.6	6.2
Assaults (not indecent)	437.4	488.3	390.9	412.6	358.8	291.8	190.4
Robbery	83.6	53.1	8.8	34.8	16.8	11.6	155.6
Breaking and Entering	1,162.0	1,011.7	688.5	887.8	754.0	691.6	1,270.5
Theft Motor Vehicle	361.7	312.9	151.1	236.7	249.5	173.7	387.2
Theft Over \$200	489.4	473.8	246.7	274.4	235.1	162.9	489.1
Theft \$200 and Under	2,090.1	2,268.6	1,401.4	1,582.9	1,353.1	1,275.1	1,342.3
Have Stolen Goods	79.1	118.4	31.1	48.9	35.6	24.9	20.6
Frauds	367.1	392.8	329.6	206.9	144.5	294.2	207.6
Prostitution	12.2	20.2	0.1	0.0	0.8	0.0	7.9
Gaming and Betting	14.9	34.2	0.5	0.9	4.3	4.9	7.0
Offensive Weapons	57.6	66.1	37.8	51.3	43.2	46.5	20.9
Other Criminal Code	1,884.0	2,039.9	1,665.6	1,861.0	1,558.8	1,803.8	982.5
Federal Statutes	282.4	205.6	307.2	198.3	159.6	228.5	359.5
Addictive Opiate Like Drugs	19.8	15.8	11.5	14.9	13.6	29.8	19.6
Cannabis (Marihuana)	251.0	269.1	165.6	348.9	190.2	133.0	94.8
Controlled Drugs	4.0	7.0	0.0	2.1	0.4	0.8	2.7
Restricted Drugs	7.9	7.3	2.1	2.0	2.4	0.0	5.4
Provincial Statutes	1,629.7	1,621.6	921.9	3,220.4	1,657.7	4,147.9	143.6
Municipal By- Laws	263.0	209.4	68.2	100.7	245.6	16.6	362.9
All Offences	9,559.8	9,676.7	6,469.5	9,527.0	7,056.9	9,354.1	6,128.6

Table 7.3 (cont'd)
 Rate of Actual Offences per 100,000 Population (For the Uniform Crime Reporting Offences Classification), by Province, Canada, 1977

Offence	Manitoba	Sask- chewan	Alberta	British Columbia	Northwest Territories	Yukon
Murder ¹	3.7	4.6	3.2	3.3	6.9	18.5
Attempted Murder	4.1	4.5	4.2	3.8	4.6	9.3
Manslaughter	0.4	0.2	0.3	0.2	2.3	9.3
Rape	9.9	10.0	13.7	13.4	57.7	18.6
Other Sexual Offences	40.9	20.6	44.0	50.9	99.3	37.2
Wounding	15.5	12.3	13.0	11.8	46.1	4.6
Assaults (not indecent)	449.7	579.0	627.7	659.4	3,625.9	2,441.9
Robbery	64.8	37.2	86.6	83.8	39.2	88.3
Breaking and Entering	1,148.0	1,132.0	1,284.3	1,620.4	2,515.0	1,911.6
Theft Motor Vehicle	382.0	404.0	507.1	441.7	886.8	855.8
Theft Over \$200	486.2	468.3	669.3	617.7	702.0	1,139.5
Theft \$200 and Under	2,623.1	2,336.0	2,689.8	3,122.5	3,824.4	4,227.9
Have Stolen Goods	60.0	73.1	129.8	100.5	124.7	116.2
Frauds	423.7	523.1	512.2	612.2	464.2	730.2
Prostitution	1.4	3.7	10.6	15.5	0.0	0.0
Gaming and Betting	1.8	2.1	2.6	1.6	0.0	4.6
Offensive Weapons	91.6	71.6	97.6	75.9	334.8	288.3
Other Criminal Code	2,129.8	2,168.8	2,272.7	3,173.7	6,166.2	5,116.2
Federal Statutes	324.9	291.4	501.7	206.5	681.2	674.4
Addictive Opiate Like Drugs	10.6	6.4	22.0	44.8	36.9	106.9
Cannabis (Marihuana)	245.0	328.9	511.6	354.3	621.2	1,065.1
Controlled Drugs	0.6	2.0	3.1	2.8	2.3	18.6
Restricted Drugs	3.8	10.9	18.7	13.7	9.2	46.5
Provincial Statutes	1,799.7	5,786.3	4,299.4	816.7	21,279.4	10,586.0
Municipal By- Laws	190.6	91.7	232.0	418.6	662.8	102.3
All Offences	10,513.1	14,369.9	14,558.7	12,466.8	42,193.9	29,618.6

1) Includes first and second degree murder.

Source: SC, *Crime and Traffic Enforcement Statistics*.

Table 7.4

Summary and Rate of Crime per 100,000 Population, by Selected Police Jurisdiction, Ontario 1977

	Rate		Criminal Code					Number			
	All Offences	Total	Crimes of Violence	Crimes		Property Crimes	Other	Federal Statutes Drugs	Other Federal Statutes	Provincial Statutes	Municipal By-Laws
				Violence	of						
Sarnia	21,041.8	12,250.9	961.8	6,383.6			4,905.4	93	5	1,152	3,585
Brantford	13,878.9	12,022.4	1,062.7	7,358.7			3,600.8	59	6	343	834
Thunder Bay	15,295.1	10,880.8	951.4	6,532.5			3,396.8	192	9	3,182	1,433
Hamilton-Wentworth	13,719.3	11,886.2	1,186.6	7,151.7			3,547.8	1,617	46	4,821	399
Kingston	10,857.1	8,962.2	233.1	6,850.5			1,878.4	19	6	1,009	120
London	11,040.0	8,948.1	849.3	5,369.2			2,729.5	264	32	4,613	258
Peterborough	10,124.3	9,171.4	447.0	6,100.8			2,623.5	37	2	468	60
Windsor	10,560.8	9,697.7	1,040.7	5,282.4			3,374.5	146	52	843	655
North Bay	10,442.9	7,856.2	285.4	5,915.3			1,655.5	94	6	1,197	17
Niagara Regional Police Force	9,880.8	9,074.9	607.0	5,727.5			2,740.3	320	7	2,314	261
Durham Regional Police Force	8,438.3	6,821.6	550.0	3,847.5			2,424.1	975	245	2,637	23
Ottawa	10,938.5	9,517.4	568.1	7,197.1			1,752.2	248	55	2,835	1,209
Waterloo Regional Police Force	7,440.6	6,111.8	523.7	4,942.6			645.3	1,042	41	2,468	252
Toronto	9,058.3	7,191.8	604.8	4,459.6			2,127.3	7,474	1,316	31,443	1,209
Peel Regional Police Force	8,235.8	7,376.5	671.2	4,461.1			2,244.1	1,047	39	1,939	83
Guelph	7,609.9	6,489.7	381.2	4,051.3			2,057.1	98	1	651	14
Halton Regional Police Force	8,832.7	7,159.3	426.1	4,531.7			2,201.4	604	31	2,064	882
Nepean (Twp.)	7,616.0	6,598.9	220.3	5,027.7			1,350.9	0	0	159	612
Sault Ste. Marie	7,476.3	6,157.1	503.7	4,334.1			1,319.2	97	11	700	250
York Regional Police Force	5,414.4	4,721.5	281.4	3,229.9			1,210.1	311	48	982	60
Sudbury Regional Police Force	6,710.8	5,634.0	335.9	4,022.1			1,275.9	118	10	1,629	38

Source: SC, Crime and Traffic Enforcement Statistics, 1976.

Table 7.5

Result of Charges by Nature of Indictable Offence, Canada¹ and Ontario, 1973

Indictable Offence	Charges	Convictions	Acquittals	Detention for Insanity	Disagree- ment of Jury	Stay of Proceedings	No Bill	Conditional Discharge	Absolute Discharge
Canada	95,045	72,430	9,946	93	21	4,357	128	5,654	2,416
Against the Person	7,035	4,691	1,361	45	7	555	35	261	80
Against Property With Violence	15,602	13,083	1,533	11	5	661	20	240	49
Against Property Without Violence	52,757	40,047	4,711	15	4	1,780	51	4,181	1,968
Malicious Offences Against Property	2,049	1,605	185	9	-	90	-	134	26
Forgery and Offences Relating to Currency	5,108	4,153	400	-	-	327	8	194	26
Other	7,361	5,365	1,154	13	4	394	14	306	111
Criminal Code, Total of Above	89,912	68,944	9,344	93	20	3,807	128	5,316	2,260
Federal Statutes	5,133	3,486	602	-	1	550	-	338	156
Ontario	54,035	41,784	7,349	49	8	198	128	3,124	1,395
Against the Person	3,612	2,413	954	31	2	25	35	119	33
Against Property With Violence	9,364	7,967	1,191	4	1	22	20	136	23
Against Property Without Violence	30,936	23,724	3,450	6	3	44	51	2,457	1,201
Malicious Offences Against Property	881	713	113	1	-	6	-	36	12
Forgery and Offences Relating to Currency	2,566	2,170	340	-	-	3	8	37	8
Other	4,610	3,378	908	7	1	24	14	210	68
Criminal Code, Total of Above	51,969	40,365	6,956	49	7	124	128	2,995	1,345
Federal Statutes	2,066	1,419	393	-	1	74	-	129	50

¹⁾ Excludes Québec and Alberta.

Source: SC, *Statistics of Criminal and Other Offences*.

Table 7.6

Convictions of Offences Punishable on Summary Conviction by Offence Group, Canada and Ontario, 1968-1973

	Offence Group	Canada			Ontario		
		Total	Male	Female	Total	Male	Female
1968	Criminal Code	89,014	84,916	4,098	40,538	38,665	1,873
	Federal Statutes	25,741	24,413	1,328	11,122	10,540	582
	Provincial Statutes	1,529,313	1,420,952	108,361	1,023,047	947,845	75,202
	Municipal Statutes	157,875	143,177	14,698	88,243	79,269	8,974
	Total	1,801,943	1,673,458	128,485	1,162,950	1,076,319	86,631
1969	Criminal Code	77,860	74,609	3,251	38,829	37,250	1,579
	Federal Statutes	25,777	24,319	1,458	15,476	14,442	1,034
	Provincial Statutes	1,473,852	1,356,083	117,769	1,065,797	978,495	87,302
	Municipal Statutes	133,547	120,252	13,295	74,676	66,862	7,814
	Total	1,711,036	1,575,263	135,773	1,194,778	1,097,049	97,729
1970	Criminal Code	89,522	85,781	3,741	44,273	42,535	1,738
	Federal Statutes	25,995	24,608	1,387	15,320	14,359	961
	Provincial Statutes	1,215,521	1,114,898	100,623	947,200	865,102	82,098
	Municipal Statutes	120,905	107,983	12,922	73,418	65,783	7,635
	Total	1,451,943	1,333,270	118,673	1,080,211	987,779	92,432
1971	Criminal Code	104,458	100,787	3,671	50,953	49,195	1,758
	Federal Statutes	30,712	28,936	1,776	21,075	19,702	1,373
	Provincial Statutes	1,186,021	1,087,287	98,734	937,747	853,323	84,424
	Municipal Statutes	117,947	106,383	11,564	78,890	70,746	8,144
	Total	1,439,138	1,323,393	115,745	1,088,665	992,966	95,699
1972	Criminal Code	104,825	100,382	4,443	56,383	54,475	1,908
	Federal Statutes	28,849	27,054	1,795	19,263	17,973	1,290
	Provincial Statutes	1,281,538	1,164,307	117,231	1,061,849	963,270	98,579
	Municipal Statutes	102,206	90,816	11,390	56,605	50,539	6,066
	Total	1,517,418	1,382,559	134,859	1,194,100	1,086,257	107,843
1973	Criminal Code	107,688	102,283	5,405	54,591	52,655	1,936
	Federal Statutes	38,228	35,161	3,067	22,763	21,297	1,466
	Provincial Statutes	1,151,535	1,045,554	105,981	911,905	828,956	82,949
	Municipal Statutes	86,566	77,757	8,809	41,227	36,705	4,522
	Total	1,384,017	1,260,755	123,262	1,030,486	939,613	90,873

Source: SC, Judicial Division.

Table 7.7

Results of Proceedings Against Persons Charged by Type of Trial, Canada and Ontario, 1968-1973

Type of Trial	Convictions	Acquittals	Detention For Insanity	Disagreement Of Jury	Stay of Proceedings	No Bill
1968						
Judge and Jury						
Canada	707	276	13	8	16	63
Ontario	369	168	6	5	3	63
Judge without Jury						
Canada	1,742	566	2	-	54	-
Ontario	844	261	2	-	3	-
Magistrate, Jurisdiction with Consent						
Canada	19,392	2,094	23	-	379	-
Ontario	9,195	1,190	8	-	3	-
Magistrate, Absolute Jurisdiction						
Canada	16,768	1,692	3	-	241	-
Ontario	7,098	987	1	-	-	-
Total						
Canada ¹	38,609	4,628	41	8	690	63
Ontario	17,506	2,606	17	5	9	63
1969						
Judge and Jury						
Canada	783	306	22	9	32	41
Ontario	435	207	15	4	10	40
Judge without Jury						
Canada	1,822	540	2	-	36	-
Ontario	1,143	332	1	-	3	-
Magistrate, Jurisdiction with consent						
Canada	19,590	1,960	6	-	427	-
Ontario	10,759	1,324	2	-	3	-
Magistrate, Absolute Jurisdiction						
Canada	15,822	1,638	1	-	155	-
Ontario	8,184	1,131	1	-	-	-
Total						
Canada ²	38,017	4,444	31	9	650	41
Ontario	20,521	2,994	19	4	16	40

Table 7.7 (cont'd)

Results of Proceedings Against Persons Charged by Type of Trial, Canada and Ontario, 1968-1973

Type of Trial	Convictions	Acquittals	Detention For Insanity	Disagreement Of Jury	Stay of Proceedings	No Bill
1970						
Judge and Jury						
Canada	715	316	35	14	34	57
Ontario	480	200	26	8	6	53
Judge without Jury						
Canada	1,248	417	5	-	32	-
Ontario	748	256	3	-	2	-
Magistrate, Jurisdiction with consent						
Canada	23,584	2,256	7	-	559	-
Ontario	12,217	1,425	-	-	2	-
Magistrate, Absolute Jurisdiction						
Canada	20,333	1,946	7	-	301	-
Ontario	10,289	1,329	2	-	1	-
Total						
Canada ²	45,880	4,935	54	14	926	57
Ontario	23,734	3,210	31	8	11	53
1971						
Judge and Jury						
Canada	728	307	23	5	34	29
Ontario	427	209	14	2	6	28
Judge without Jury						
Canada	1,546	386	4	1	47	-
Ontario	800	225	4	1	-	-
Magistrate, Jurisdiction with consent						
Canada	23,813	2,221	18	2	732	-
Ontario	12,844	1,529	7	2	14	-
Magistrate, Absolute Jurisdiction						
Canada	21,787	2,099	3	-	313	-
Ontario	11,817	1,446	-	-	7	-
Total						
Canada ²	47,874	5,013	48	8	1,126	29
Ontario	25,888	3,409	25	5	27	28

Table 7.7 (cont'd)

Results of Proceedings Against Persons Charged by Type of Trial, Canada and Ontario, 1968–1973

Type of Trial	Convictions	Acquittals	Detention for Insanity	Disagree- ment of Jury	Stay of Proceed- ings	No Bill	Conditional Discharge	Absolute Discharge
1972								
Judge and Jury								
Canada	820	338	21	4	57	33	4	2
Ontario	477	219	12	4	6	32	4	-
Judge without Jury								
Canada	1,678	503	4	-	80	1	38	12
Ontario	872	296	2	-	1	1	33	7
Magistrate, Jurisdiction with consent								
Canada	22,385	2,246	12	1	1,040	6	641	623
Ontario	11,824	1,500	2	1	24	5	464	546
Magistrate, Absolute Jurisdiction								
Canada	20,731	2,294	1	-	465	-	964	537
Ontario	10,812	1,582	-	-	2	-	598	308
Total								
Canada ²	45,614	5,381	38	5	1,642	40	1,647	1,174
Ontario	23,985	3,597	16	5	33	38	1,099	861
1973								
Judge and Jury								
Canada	765	295	19	11	47	59	8	7
Ontario	492	202	14	5	12	59	6	-
Judge without Jury								
Canada	2,101	577	4	-	78	-	97	32
Ontario	1,448	424	3	-	18	-	60	16
Magistrate, Jurisdiction with consent								
Canada	20,251	1,865	18	1	1,183	-	1,569	585
Ontario	11,336	1,151	6	1	41	-	749	279
Magistrate, Absolute Jurisdiction								
Canada	17,644	1,934	8	1	527	-	2,784	1,494
Ontario	10,132	1,306	1	1	10	-	1,751	947
Total								
Canada ²	40,761	4,671	49	13	1,835	59	4,458	2,118
Ontario	23,408	3,083	24	7	81	59	2,566	1,242

1) Excludes Québec.

2) Total for Canada excludes Québec and Alberta.

Source: SC, *Statistics of Criminal and Other Offences*.

Table 7.8
Persons Charged and Sentences of Convicted Persons by Nature of Indictable Offence, Suspended Sentences, Fine, Gaol, Canada¹ and Ontario, 1971-1973

1971	Indictable Offence	Sentence							
		Persons charged	Persons convicted	Suspended sentence without probation	Suspended sentence with probation	Gaol ² (months)			
						Fine	Under 1	From 1 to 6	From 6 to 24
	Canada								
	Against the person	54,098	47,874	3,370	11,779	15,634	4,202	6,490	2,961
	Against property with violence	7,213	5,773	339	944	2,456	491	821	271
	Against property without violence	8,399	7,684	402	2,791	136	485	1,410	1,033
	Malicious offences against property	29,432	26,701	2,241	6,426	10,911	2,486	2,809	955
	Forgery and offences relating to currency	1,574	1,380	123	407	406	181	160	48
	Other	1,328	1,230	88	397	56	138	236	167
	Criminal Code, Total of above	3,784	3,185	163	534	1,154	328	572	174
	Federal Statutes	51,730	45,953	3,356	11,499	15,119	4,109	6,008	2,648
		2,368	1,921	14	280	515	93	482	313
	Ontario								
	Against the person	29,382	25,888	1,747	6,504	9,065	2,274	2,687	1,297
	Against property with violence	3,836	2,961	142	477	1,324	313	322	116
	Against property without violence	4,493	4,106	179	1,667	63	229	530	455
	Malicious offences against property	16,533	14,966	1,249	3,571	6,473	1,332	1,191	480
	Forgery and offences relating to currency	764	655	49	173	227	87	67	24
	Other	645	599	34	225	33	87	75	56
	Criminal Code, Total of above	2,073	1,727	84	279	676	188	261	74
	Federal Statutes	28,344	25,014	1,737	6,392	8,796	2,236	2,446	1,204
		1,038	874	10	112	269	38	241	93

Table 7.8 (cont'd)
Persons Charged and Sentences of Convicted Persons by Nature of Indictable Offence, Suspended Sentences, Fine, Gaol, Canada¹ and Ontario, 1971-1973

1972	Indictable Offence	Persons charged	Persons convicted	Sentence					
				Suspended sentence without probation	Suspended sentence with probation	Gaol ² (months)			
						Fine	Under 1	From 1 to 6	From 6 to 24
Canada									
Against the person		55,541	45,614	3,449	11,147	15,162	3,860	6,157	2,999
Against property with violence		6,526	5,009	336	929	1,870	454	674	282
Against property without violence		7,740	6,827	383	2,486	98	420	1,219	1,058
Malicious offences against property		29,483	24,619	2,245	5,865	10,072	2,205	2,693	889
Forgery and offences relating to currency		1,711	1,412	159	438	412	149	159	47
Other		1,273	1,139	92	389	53	126	225	153
Criminal Code, Total of above		4,356	3,574	191	620	1,266	378	700	286
Federal Statutes		51,089	42,580	3,406	10,727	13,771	3,732	5,670	2,715
		4,452	3,034	43	420	1,391	128	487	284
Ontario		29,634	23,985	1,428	6,104	8,573	1,997	1,924	2,175
Against the person		3,463	2,586	140	482	983	305	220	196
Against property with violence		3,997	3,524	126	1,482	42	179	307	674
Against property without violence		16,005	13,219	975	3,200	5,781	1,100	886	794
Malicious offences against property		791	644	57	195	200	70	55	35
Forgery and offences relating to currency		636	571	38	217	37	75	62	89
Other		2,170	1,825	76	334	667	215	231	217
Criminal Code, Total of above		27,062	22,369	1,412	5,910	7,710	1,944	1,761	2,005
Federal Statutes		2,572	1,616	16	194	863	53	163	170

Table 7.8 (cont'd)

Persons Charged and Sentences of Convicted Persons by Nature of Indictable Offence, Suspended Sentences, Fine, Gaol, Canada¹ and Ontario, 1971-1973

1972 (cont'd)	Sentence					Total Sen- tenced to Reforma- tory ^a		
	Penitentiary (years)							
Indictable Offence	Under 5	From 5 to 14	Over 14	Life	Preventive Detention	Death	Training School	
Canada	1,307	398	21	68	4	1	7	1,034
Against the person	177	118	7	62	1	1	2	96
Against property with violence	571	174	9	1	1	-	-	407
Against property without violence	279	26	-	-	-	-	5	340
Malicious offences against property	19	4	-	-	-	-	-	25
Forgery and offences relating to currency	62	5	-	-	-	-	-	34
Other	78	9	1	-	2	-	-	43
Criminal Code, Total of above	1,186	336	17	63	4	1	7	945
Federal Statutes	121	62	4	5	-	-	-	89
Ontario	534	180	2	29	1	-	7	942
Against the person	74	61	1	26	-	-	2	96
Against property with violence	233	72	1	1	-	-	-	407
Against property without violence	128	11	-	-	-	-	5	339
Malicious offences against property	7	2	-	-	-	-	-	23
Forgery and offences relating to currency	16	3	-	-	-	-	-	34
Other	34	7	-	-	1	-	-	43
Criminal Code, Total of above	492	156	2	27	1	-	7	942
Federal Statutes	42	24	-	2	-	-	-	-

Table 7.8 (cont'd)
Persons Charged and Sentences of Convicted Persons by Nature of Indictable Offence, Suspended Sentences, Fine, Gaol, Canada¹ and Ontario, 1971-1973

1973	Indictable Offence	Sentence					Gaol ² (months)		
		Persons charged	Persons convicted	Suspended sentence without probation	Suspended sentence with probation	Fine	Under 1	From 1 to 6	From 6 to 24
	Canada	53,964	40,761	2,355	9,599	13,983	2,919	6,172	3,003
	Against the person	5,097	3,585	178	682	1,155	289	628	266
	Against property with violence	7,556	6,498	314	2,251	141	391	1,201	1,071
	Against property without violence	30,884	22,756	1,506	5,208	9,961	1,701	2,851	951
	Malicious offences against property	1,236	915	73	280	282	55	144	33
	Forgery and offences relating to currency	1,142	991	90	343	49	85	201	121
	Other	4,446	3,476	150	600	1,347	283	693	251
	Criminal Code, Total of above	50,361	38,221	2,311	9,364	12,935	2,804	5,718	2,693
	Federal Statutes	3,603	2,540	44	235	1,048	115	454	310
	Ontario	30,470	23,408	1,094	5,855	8,559	1,707	2,888	1,492
	Against the person	2,636	1,859	62	362	584	206	309	111
	Against property with violence	4,256	3,752	135	1,459	52	197	565	570
	Against property without violence	18,283	13,564	755	3,197	6,319	989	1,356	507
	Malicious offences against property	542	433	34	123	141	30	56	17
	Forgery and offences relating to currency	662	586	38	228	35	48	107	61
	Other	2,637	2,124	63	373	972	193	307	113
	Criminal Code, Total of above	29,016	22,318	1,087	5,742	8,103	1,663	2,700	1,379
	Federal Statutes	1,454	1,090	7	113	456	44	188	113

Table 7.8 (cont'd)

Persons Charged and Sentences of Convicted Persons by Nature of Indictable Offence, Suspended Sentences, Fine, Gaol, Canada¹ and Ontario, 1971-1973

1973 (cont'd)	Sentence							Total Sen- tenced to Reforma- tory ³
	Penitentiary (years)				Sentence			
	Under 5	From 5 to 14	Over 14	Life	Preventive Detention	Death	Training School	
Indictable Offence								
Canada	1,274	371	30	40	3	1	3	1,008
Against the person	161	109	8	40	-	1	2	66
Against property with violence	559	146	7	-	-	-	1	416
Against property without violence	213	15	-	-	-	-	-	350
Malicious offences against property	22	4	-	-	-	-	-	22
Forgery and offences relating to currency	69	3	-	-	-	-	-	30
Other	89	12	2	-	3	-	-	46
Criminal Code, Total of above	1,113	289	17	40	3	1	3	930
Federal Statutes	161	82	13	-	-	-	-	78
Ontario	587	184	13	19	2	1	3	1,004
Against the person	70	61	6	19	-	1	2	66
Against property with violence	275	80	4	-	-	-	1	414
Against property without violence	85	7	-	-	-	-	-	349
Malicious offences against property	8	2	-	-	-	-	-	22
Forgery and offences relating to currency	39	1	-	-	-	-	-	29
Other	46	8	1	-	2	-	-	46
Criminal Code, Total of above	523	159	11	19	2	1	3	926
Federal Statutes	64	25	2	-	-	-	-	78

1) Excludes Québec and Alberta.

2) Definition: Gaol is chiefly the British Variant of Jail.

3) Canada total includes only Ontario, Nova Scotia and New Brunswick. New Brunswick excluded in 1973.

Source: SC Statistics of Criminal and other Offences

Table 7.9
Number of Juveniles Charged by Offence Group, Canada and Ontario, 1972–1977

		Canada			Ontario		
	Offence Group	Total	Male	Female	Total	Male	Female
1972	Criminal Code	52,319	46,277	6,042	14,019	12,063	1,956
	Federal Statutes ¹	2,081	1,510	571	542	382	160
	Provincial Statutes	9,474	6,080	3,394	2,349	1,562	787
	Municipal By-Laws	1,241	1,107	134	82	82	-
	Total	65,115	54,974	10,141	16,992	14,089	2,903
1973	Criminal Code	58,305	51,324	6,981	15,775	13,653	2,122
	Federal Statutes ¹	3,607	2,767	840	738	544	194
	Provincial Statutes	10,958	6,957	4,001	2,272	1,542	730
	Municipal By-Laws	1,115	1,016	99	74	70	4
	Total	73,985	62,064	11,921	18,859	15,809	3,050
1974	Criminal Code	64,033	56,474	7,559	18,190	15,605	2,585
	Federal Statutes ¹	4,580	3,666	914	1,072	892	180
	Provincial Statutes	11,065	7,339	3,726	2,578	1,796	782
	Municipal By-Laws	1,426	1,255	171	68	64	4
	Total	81,104	68,734	12,370	21,908	18,357	3,551
1975	Criminal Code	71,212	62,832	8,380	18,590	16,068	2,522
	Federal Statutes ¹	4,145	3,328	817	978	796	182
	Provincial Statutes	11,817	7,467	4,350	2,205	1,515	690
	Municipal By-Laws	1,617	1,420	197	70	67	3
	Total	88,791	75,047	13,744	21,843	18,446	3,397
1976	Criminal Code	71,120	61,862	9,258	18,318	15,488	2,830
	Federal Statutes ¹	4,672	3,738	934	999	804	195
	Provincial Statutes	12,058	7,727	4,331	1,868	1,274	594
	Municipal By-Laws	1,023	949	74	72	69	3
	Total	88,873	74,276	14,597	21,257	17,635	3,622
1977	Criminal Code	69,553	60,660	8,893	16,718	14,526	2,192
	Federal Statutes ¹	4,448	3,569	879	1,153	889	264
	Provincial Statutes	12,581	8,440	4,141	2,063	1,514	549
	Municipal By-Laws	1,035	929	106	52	47	5
	Total	87,617	73,598	14,019	19,986	16,976	3,010

¹⁾ Federal Statutes includes drug offences under the Narcotics Control Act and the Food and Drug Act.

Source: SC, *Crime and Traffic Enforcement Statistics*.

Table 7.10

Juvenile Delinquencies Classified by Type of Delinquency, Canada¹ and Ontario, 1969–1973

Type of Delinquency	1969		1970		1971		1972		1973	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Manslaughter, murder and causing death by criminal negligence	6	-	19	3	24	3	21	5	25	4
Murder, attempt	3	-	1	-	11	3	8	-	5	1
Rape and attempt, sexual intercourse and incest	18	1	35	1	37	7	37	7	34	6
Indecent assault (male and female)	131	32	161	52	194	54	196	58	186	93
Causing bodily harm by assault or otherwise	250	78	295	92	371	74	404	83	447	139
Common assault	484	137	768	295	771	270	747	294	862	332
Other delinquencies against the person	189	27	259	50	315	52	313	64	404	121
Breaking and entering a place	7,533	2,357	8,352	2,620	8,407	2,587	8,694	2,218	8,903	3,151
Robbery and extortion	180	52	331	63	383	39	370	51	430	77
Theft and having in possession	12,656	3,939	13,736	4,791	13,944	4,848	13,311	5,001	13,270	5,353
False pretences and fraud and corruption	179	22	201	49	219	53	213	48	302	97
Arson and other fires	97	31	135	58	138	36	158	67	192	76
Other interference with property	2,053	547	1,930	535	2,295	558	4,053	735	4,182	786
Forgery and delinquencies relating to currency	106	39	121	34	136	28	145	57	156	38
Incorrigibility and vagrancy	1,351	890	1,662	1,115	1,431	922	657	236	444	115
Immorality	339	45	495	47	409	33	390	73	320	71
Various other delinquencies	6,597	2,317	8,618	2,741	9,713	3,200	12,466	4,755	13,987	4,409
Total Delinquencies	32,172	10,514	37,119	12,456	38,798	12,767	42,183	13,752	44,151	14,869

¹⁾ Prince Edward Island did not report in 1972 and 1973.

Source: SC, Justice Statistics Division.

Table 7.11
Nature of Delinquencies¹ by Age and Sex of Juvenile Delinquents, Ontario, 1977

	Total	Age										Sex	
		7	8	9	10	11	12	13	14	15	Other ²	M	F
Criminal Code Violations	21,578	13	114	209	439	839	1,698	3,544	6,186	8,275	261	19,020	2558
Offensive Weapons	250	-	-	-	4	6	14	40	77	109	-	231	19
Sexual Offences	129	-	-	-	2	2	11	15	41	47	11	129	-
Disorderly Conduct	189	-	1	1	1	1	9	23	57	95	1	163	26
Murder	1	-	-	-	-	-	-	-	-	1	-	1	-
Murder, Attempted	4	-	-	-	-	-	-	2	-	2	-	4	-
Manslaughter	2	-	-	-	-	-	-	-	1	1	-	2	-
Automobiles	133	-	-	-	-	-	-	6	28	98	1	124	9
Assaults	694	-	-	3	11	16	32	108	214	286	24	543	151
Theft Over \$200	1,417	-	3	3	17	22	96	167	402	698	9	1,339	78
Theft Under \$200	5,122	1	25	45	127	241	514	915	1,448	1,760	46	4,050	1,072
Take Motor Vehicle	660	-	-	-	2	12	24	75	232	309	6	599	61
Theft, Other & Unspecified	542	-	1	2	8	26	31	99	182	186	7	438	104
Robbery	137	-	1	2	4	7	5	13	46	58	1	127	10
Break and Enter	6,575	5	22	95	126	236	551	1,192	1,859	2,412	77	6,299	276
Possession of Stolen Goods	2,324	-	13	21	42	105	179	356	653	927	28	1,990	334
Forgery and Similar Crimes	165	-	-	-	-	3	7	18	51	86	-	117	48
Fraud	98	-	-	-	7	6	2	9	40	33	1	63	35
Mischief	2,059	6	44	27	80	122	152	377	513	696	42	1,910	149
Arson and Other Fires	160	-	2	6	7	14	25	29	42	32	3	146	14
Attempts and Accessories	289	1	-	3	1	9	22	36	108	108	1	269	20
Breach of Probation	281	-	-	-	-	3	9	32	82	154	1	198	83
Other Criminal Code Offences	347	-	2	1	-	8	15	32	110	177	2	278	69
Federal Statute Violations	1,472	-	-	1	2	7	21	122	302	674	343	1,213	259
Provincial Statute Violations	3,419	1	1	6	21	38	93	325	944	1,953	37	2,661	758
Municipal By-Law Violations	83	-	-	-	-	1	5	16	28	33	-	78	5
Unknown	5	-	-	-	-	-	1	1	3	-	-	5	-
Grand Total	26,557	14	115	216	462	885	1,818	4,008	7,463	10,935	641	22,977	3,580

1) Total delinquencies.
2) Other includes adults and unknown ages.
Source: SC, Justice Statistics Division.

Table 7. 12
Disposition of Juveniles Found Delinquent, Canada, 1950–1973 and 1977

	Disposition										
	Total Dispositions	Reprimand	Indefinite Detention	Probation		Fine or Restitution	Training School	Mental Hospital	Corporeal Punishment	Final Dispositions Suspended	Other
				Court	Parents						
1950	6,418	354	26	2,392	94	1,148	1,144	-	3	1,257	-
1951	6,644	309	45	2,313	154	1,433	1,141	-	2	1,247	-
1952	6,068	243	1	2,412	148	1,015	1,149	3	2	1,095	-
1953	6,377	227	28	2,620	186	1,147	1,107	-	-	1,062	-
1954	6,332	199	27	2,595	174	1,095	1,121	-	2	1,119	-
1955	7,025	181	50	3,067	365	1,064	1,172	8	-	1,118	-
1956	8,985	359	30	3,155	404	2,015	1,440	5	-	1,577	-
1957	9,679	460	63	3,822	300	2,261	1,563	7	1	1,202	-
1958	11,391	504	13	5,728	294	1,624	1,822	14	3	1,389	-
1959	11,686	236	9	6,151	412	1,810	1,678	9	-	1,381	-
1960	13,965	442	42	7,413	518	2,289	1,791	14	-	1,456	-
1961	15,215	544	89	7,341	644	2,148	1,974	9	-	2,466	-
1962	16,608	697	89	8,827	369	2,219	1,862	12	-	2,533	-
1963	17,556	977	99	8,292	462	2,460	2,043	43	-	3,180	-
1964	19,365	1,062	139	9,624	612	2,247	1,967	15	-	3,699	-
1965	18,352	773	80	10,021	550	2,133	1,925	25	-	2,845	-
1966	20,310	791	90	10,826	1,014	2,343	1,971	17	-	3,258	-
1967	20,743	854	93	11,268	1,116	2,230	1,978	19	-	3,185	-
1968 ¹	27,142	983	298	13,563	1,296	3,728	2,167	26	-	5,081	-
1969 ²	32,172	773	236		16,082	3,723	2,442	23	-	5,700	3,193
1970	37,119	569	314		12,394	3,645	1,715	16	-	5,785	12,681
1971	38,798	524	207		12,422	4,318	1,641	14	-	5,897	13,775
1972 ³	42,183	791	129		12,053	5,220	1,190	35	-	7,179	15,586
1973 ³	44,151	1,076	77		11,990	6,237	1,108	20	-	7,763	15,880
1977	69,282	2,232	...		24,025	17,412	4,971 ⁴	..	...	15,902	4,740 ⁵

1) The upper age limit of children brought before the Juvenile Courts in the provinces varies. In Prince Edward Island, Nova Scotia, New Brunswick, Ontario, Saskatchewan, Yukon and Northwest Territories, the official age limit for a juvenile is 16 years; in Newfoundland 17 years; in Québec, Manitoba and British Columbia, 18 years; and in Alberta 16 years for boys and 18 years for girls. This is the first year that these age limits were used in collecting the delinquency statistics.

2) For the years 1969-1973 and 1977 inclusive there is no breakdown for probation by court and parents.

3) Prince Edward Island did not report in 1972 and 1973.

4) Figure shows number of committals to a juvenile institution.

5) Includes 2,638 cases where juvenile was made a charge of the province.

Source: SC, Justice Statistics Division

Table 7. 13
Disposition of Juveniles Found Delinquent, Ontario, 1950–1973 and 1977.

	Disposition										
	Total Dispositions	Reprimand	Indefinite Detention	Probation		Fine or Restitution	Training School	Mental Hospital	Corporeal Punishment	Final Dispositions Suspended	Other
				Court	Parents						
1950	3,056	86	-	1,434	40	574	454	-	3	465	-
1951	3,024	79	5	1,268	56	739	496	-	2	379	-
1952	2,889	70	1	1,348	50	462	510	1	2	445	-
1953	2,975	72	-	1,356	64	444	545	-	-	494	-
1954	2,945	58	3	1,341	40	458	496	-	1	548	-
1955	3,138	37	1	1,441	82	514	498	4	-	561	-
1956	3,945	140	-	1,394	53	848	706	4	-	800	-
1957	4,051	123	3	1,834	47	970	702	5	1	366	-
1958	4,108	55	-	2,147	67	488	781	11	2	557	-
1959	4,199	43	-	2,454	63	464	709	6	-	460	-
1960	5,364	72	-	2,956	166	701	885	6	-	578	-
1961	6,819	104	-	3,122	129	767	942	3	-	1,752	-
1962	7,646	131	6	3,604	105	926	997	9	-	1,868	-
1963	8,451	116	9	3,682	107	1,110	1,081	21	-	2,325	-
1964	9,271	124	1	4,091	194	946	1,145	8	-	2,762	-
1965	8,670	118	2	4,358	160	917	1,189	20	-	1,906	-
1966	8,866	139	5	4,457	209	990	1,093	11	-	1,962	-
1967	8,831	131	-	5,009	321	797	1,062	11	-	1,500	-
1968 ¹	8,711	116	1	4,689	256	530	918	12	-	2,189	-
1969	10,514	113	-	5,372	361	706	1,306	14	-	2,642	-
1970	12,456	41	1	4,029	143	755	1,040	6	-	2,767	3,674
1971	12,767	67	1	3,973	199	792	1,034	6	-	2,770	3,925
1972 ²	13,752	75	-	3,958		962	739	11	-	3,601	4,406
1973 ²	14,869	113	1	4,346		999	679	5	-	3,598	5,128
1977	17,890	58	...	8,514		1,751	1,656 ³	..	...	4,804	1,107 ⁴

1) The upper age limit of children brought before the Juvenile Courts in the provinces varies. In Prince Edward Island, Nova Scotia, New Brunswick, Ontario, Saskatchewan, Yukon and Northwest Territories, the official age limit for a juvenile is 16 years; in Newfoundland 17 years; in Québec, Manitoba and British Columbia, 18 years; and in Alberta 16 years for boys and 18 years for girls. This is the first year that these age limits were used in collecting the delinquency statistics.

2) For the years 1969-1973 and 1977 inclusive there is no breakdown for probation by court and parents.

3) Figure shows number of committals to a juvenile institution.

4) Includes 742 cases where juvenile was made a charge of the province.

Source: SC, Justice Statistics Division.

Table 7. 14**Persons in Correctional Institutions¹ by Type of Institution, Canada and Ontario, 1969–1977**

	Training Schools ²		Federal Penitentiaries		Provincial Adult Institutions	
	Canada	Ontario	Canada	Ontario	Canada ⁴	Ontario
1969						
Males	1,987	780	7,064	2,039	9,794	4,385
Females	846	286	95	57	357	169
1970						
Males	1,501	417	7,015	2,009	10,170	4,534
Females	742	189	93	86	425	195
1971						
Males	1,308	412	7,376	2,029	8,421	4,087
Females	651	113	107	106	406	186
1972						
Males	1,269	389	8,126	2,160	8,353	3,871
Females	608	83	127	126	389	161
1973						
Males	863 ³	633 ⁵	8,945	2,510	7,846	3,508
Females	557 ³	—	166	166	413	172
1974						
Males	793 ³	593 ⁵	8,368	2,288	7,754	3,626
Females	535 ³	—	131	131	376	138
1975						
Males	..	411 ⁶	8,583 ^r	2,174 ^r	10,764 ^r	4,112
Females	..	119 ⁶	117 ^r	117 ^r	513 ^r	164
1976						
Males	..	447 ⁶	9,137 ^r	2,289 ^r	12,556 ^r	4,676 ^r
Females	..	127 ⁶	148 ^r	148 ^r	515 ^r	189 ^r
1977						
Males	..	448 ⁶	9,205 ^r	2,162 ^r	..	4,954 ⁷
Females	..	112 ⁶	130 ^r	130 ^r	..	149 ⁷

1) Correctional Institutions refers to those facilities which usually hold persons on long-term sentences. However, please note that the S.C. figures should not be taken to imply the inclusion of all incarcerated in Ontario's long-term institutions. The Ontario figures include jails and detention centres which are not long-term institutions. Quebec statistics are by Judicial District not indicating the type of institution. New Brunswick's for Provincial Jails; Nova Scotia's for County Jails and Saskatchewan's statistics do not show any jails. A comparison of population between provinces is therefore invalid.

2) These figures show the province where inmates were in custody as of December 31, not necessarily the province where they were convicted.

3) The totals for Canada exclude number from Ontario.

4) The totals for Canada exclude persons from various provinces as follows:

1969 Québec (1,730)
 1970 Québec (1,529)
 1971 Québec (1,255)
 1972 Nova Scotia and Québec (1,264)
 1973 Prince Edward Island, Nova Scotia and Québec (1,543)
 1974 Prince Edward Island, Nova Scotia and Québec (1,857)
 1975 Prince Edward Island, Nova Scotia and Québec (2,317).
 The information was not available broken down by sex.

5) These totals represent data provided by S.C. More recent figures acquired from the Ontario Ministry of Correctional Services take into account the effect of special Christmas leaves-of-absence. These are as follows:

	M	F	Total
1973 (from Count Sheet dated Dec. 30/73)	426	151	577
1974 (from Count Sheet dated Dec. 30/74)	383	134	517

6) These figures are supplied by the Ontario Ministry of Correctional Services from count sheets dated Dec. 29/75, Dec. 27/76 and Dec. 26/77.

7) Based on weekly counts as of midnight on Thursdays submitted to the Ontario Ministry of Correctional Services: 1976 (from Count Sheet dated Dec. 30/76), 1977 (from Count Sheet dated Dec. 29/77)

Source: SC, *Correctional Institute Statistics, and the Ontario Ministry of Correctional Services.*

Table 7. 15
Movement of Jail¹ Population, Ontario, 1974-1978

	1974		1975		1976		1977		1978	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Movement of Jail Population - In										
Remaining in custody on remand ²	797	46	739	22	939	41	1,326	28	1,970	73
Remaining in custody for other reasons ²	1,306	79	1,206	80	1,541	60	1,653	74	1,060	20
Readmitted from bail where released on bail previous year ³	1,038	52	859	36	198	5	41	2	69	7
Transferred from other institutions	2,039	179	3,373	186	5,744	517	4,719	373	5,639	430
Committed during year	52,859	3,213	51,155	3,566	51,678	3,113	55,380	3,692	57,602	4,232
Total in Custody During Year	58,039	3,569	57,332	3,890	60,100	3,736	63,119	4,169	66,340	4,762
Movement of Jail Population - Out										
Number released on bail	4,331	308	4,425	331	7,462	511	12,700	1,045	11,606	956
Acquitted and released	954	85	890	88	266	34	944	79	665	56
Released by order of judge or court without trial	312	42	987	65	363	28	1,192	147	3,054	641
Paid fines and were released	12,199	556	12,099	681	13,888	1,003	9,010	659	10,713	494
Released on probation and/or suspended sentence	2,064	170	2,061	147	824	59	1,280	119	779	94
Released for any other reason	1,072	77	871	72	1,441	97	383	23	571	16
Released to immigration	761	173	993	313	950	231	811	233	548	129

Table 7.15 (cont'd)
Movement of Jail¹ Population, Ontario, 1974-1978

	1974		1975		1976		1977		1978	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Movement of Jail Population - Out (cont'd)										
Discharged on expiration of sentence	24,825	1,503	21,881	1,599	21,007	1,134	20,301	1,123	20,840	1,398
Transferred to other institutions ⁴	9,561	551	10,634	493	11,138	520	13,440	647	14,452	830
Died before trial	10	1	6	-	10	-	5	1	5	-
Died while serving sentence	4	-	2	-	10	3	7	-	3	-
Escaped and not recaptured during year	1	1	3	-	5	-	16	-	1	-
Remaining in custody on remand ³	739	22	939	41	1,036	46	1,970	73	1,831	104
Remaining in custody serving unexpired sentences, awaiting trial or for other reasons ³	1,206	80	1,541	60	1,700	70	1,060	20	1,272	44
Total	58,039	3,569	57,332	3,890	60,100	3,736	63,119	4,169	66,340	4,762

1) Those facilities which usually hold those persons on relatively shorter sentences, act as an initial point of entry, or as "holding tanks".

2) Data is as of March 31 the previous year.

3) Data is as of March 31 of each year.

4) The term "other institutions" includes training schools, penitentiaries, hospitals, etc.

Source: Ministry of Correctional Services, *Report of the Minister*.

Table 7.16

Use of Jail¹ Accommodation by Jail, Ontario, 1978²

Jails	Accommodation ⁵		Greatest Number of Inmates		Least Number of Inmates		Average Daily Jail Population		Number Committed Indictable Offences	Number committed Non-indictable Offences	Total Days Stay of Inmates ⁷
	M	F	M	F	M	F	M	F			
Barrie	39	6	75	7	27	-	53	1	764	1,261	19,809
Brantford	38	6	59	6	24	-	44	6	631	607	16,350
Brockville	21	3	33	3	12	-	21	3	164	348	7,703
Chatham	51	-	46	-	21	-	34	-	322	426	12,420
Cobourg	36	3	40	3	15	-	27	3	166	260	10,164
Cornwall	20	1	42	1	7	-	20	1	343	161	7,563
Fort Frances	10	2	22	3	5	-	12	3	133	150	4,696
Guelph	28	-	49	-	21	-	33	-	494	183	12,390
Haileybury	29	3	40	4	10	-	23	1	188	121	8,845
Hamilton ⁴	68	18	176	20	137	5	156	11	104	176	5,040
Kenora	73	24	96	35	45	15	66	16	460	1,542	30,290
Kitchener ⁴	37	-	66	-	36	-	51	-	268	371	8,350
Lindsay	30	6	81	3	12	-	23	3	300	218	8,604
L'Original	25	-	30	-	4	-	13	-	179	70	4,818
Milton ⁴	31	-	57	-	11	-	39	-	70	52	2,427
Monteith	26	-	35	-	8	-	19	-	315	402	7,061
North Bay	57	6	82	6	30	-	52	1	559	315	19,461
Owen Sound	31	6	45	2	13	-	28	2	192	342	10,421
Parry Sound	31	4	42	3	10	-	25	3	223	308	9,265
Pembroke	24	4	34	3	10	-	17	3	181	309	6,530
Perth	24	2	32	2	7	-	16	2	177	184	6,071
Peterborough	24	1	44	4	18	-	28	4	319	678	10,418
Sarnia	58	1	66	5	20	-	36	5	287	582	13,522
Sault Ste. Marie	57	7	81	8	33	-	57	2	610	541	21,866
Stratford	31	-	44	-	10	-	25	-	151	293	9,171
Sudbury	59	6	107	12	46	1	75	4	947	1,026	29,316
Thunder Bay	64	11	93	8	46	-	69	2	708	866	26,020
Toronto ³ (New Section)	361	-	411	-	268	-	351	-	5,723	4,496	128,308
Walkerton	24	2	37	2	12	-	21	2	261	73	7,976
Whitby	58	1	124	12	63	1	93	3	1,012	647	35,466
Windsor	91	10	117	11	55	-	76	4	1,110	1,067	29,590

Table 7.16 (cont'd)
Use of Jail¹ Association by Jail, Ontario 1978²

Jails	Accommodation ⁵				Greatest Number of Inmates				Least Number of Inmates				Average Daily Jail Population				Number committed Non-indictable Offences	Number committed Indictable Offences	Total Days Stay of Inmates ⁷
	M		F		M		F		M		F		M		F				
Hamilton-Wentworth ⁶ Detention Centre	240		20		299		22		173		-		231		13		1,693	2,244	78,140
Elgin Middlesex Detention Centre	156		16		212		17		98		7		155		7		1,393	2,273	59,543
Niagara Detention Centre	130		9		149		9		57		-		100		3		858	1,287	37,937
Toronto East Detention Centre	340		-		361		-		241		-		302		-		3,150	1,931	110,579
Toronto West Detention Centre	252		66		316		83		212		-		259		51		3,594	2,713	113,546
Ottawa-Carleton Detention Centre	186		10		194		13		120		1		147		7		1,332	1,004	56,607
Quinte Detention Centre	96		6		125		8		64		-		95		3		656	1,395	35,904
Waterloo Detention ⁶ Centre	60		-		71		-		33		-		50		-		420	455	10,297
Totals	...		...		...		...		...		...		...		...		30,457	31,377	1,032,484

1) Those facilities which usually hold those persons on relatively shorter sentences, act as initial points of entry, or as "holding tanks".

2) Figures are as of March 31, 1979.

3) Includes Hendrie and Hillsdale Forestry Camps.

4) Closed in 1978/79 - Hamilton Jail May 1, 1978; Kitchener Jail Sept. 18, 1978; Milton Jail July 1, 1978.

5) Accommodation before closings, as relevant.

6) Opened in 1978/79 - Hamilton-Wentworth DC Jan. 1, 1978; Waterloo DC Sept. 12, 1978.

7) Basis of Total Days Stay changed in 1977/78 to reflect official count as of midnight each day not the greatest number of the day.

Source: Ministry of Correctional Services, *Report of the Minister 1977*.

Table 7. 17
Prisoners in Provincial Jail¹ by Age and Sex, Ontario, 1971 – 1978²

			Under 16 Years	16 Years	17 Years	18 Years	19-24 Years	25-35 Years	36-50 Years	51-65 Years	Over 65 Years
Total											
1971	M	60,901	20	1,772	2,924	3,432	16,365	11,921 ³	15,332 ⁴	8,673 ⁵	462 ⁶
	F	3,533	8	153	190	167	854	795 ³	918 ⁴	424 ⁵	24 ⁶
	T	64,434	28	1,925	3,114	3,599	17,219	12,716	16,250	9,097	486
1972	M	53,198	20	1,704	2,871	3,195	14,528	10,321 ³	12,845 ⁴	7,410 ⁵	304 ⁶
	F	3,231	6	148	205	170	787	709 ³	799 ⁴	393 ⁵	14 ⁶
	T	56,429	26	1,852	3,076	3,365	15,315	11,030	13,644	7,803	318
1973	M	45,838	12	1,439	2,609	3,161	13,520	10,874	9,621	4,101	501
	F	2,738	6	110	167	209	730	781	503	209	23
	T	48,576	18	1,549	2,776	3,370	14,250	11,655	10,124	4,310	524
1974	M	46,827	19	1,345	2,531	3,199	14,549	11,385	9,084	4,214	501
	F	2,547	7	81	154	190	763	720	478	145	9
	T	49,374	26	1,426	2,685	3,389	15,312	12,105	9,562	4,359	510
1975	M	41,967	54	1,402	2,659	3,380	13,052	10,106	7,390	3,496	428
	F	2,326	4	77	153	161	568	779	401	173	10
	T	44,293	58	1,479	2,812	3,541	13,620	10,885	7,791	3,669	438
1976	M	51,678	73	2,160	3,432	4,018	17,185	12,335	8,488	3,831 ⁷	156 ⁸
	F	3,113	10	152	203	258	944	841	489	195 ⁷	21 ⁸
	T	54,791	83	2,312	3,635	4,276	18,129	13,176	8,977	4,026	177
1977	M	55,380	67	2,121	3,676	4,226	18,762	13,785	8,774	3,843 ⁷	126 ⁹
	F	3,692	18	192	270	308	1,276	950	505	171	2
	T	59,072	85	2,313	3,946	4,534	20,038	14,735	9,279	4,014	128
1978	M	57,602	69	2,450	4,174	4,399	19,629	14,371	8,634	3,738 ⁷	138 ⁹
	F	4,232	13	242	360	347	1,423	1,075	599	173 ⁷	–
	T	61,834	82	2,692	4,534	4,746	21,052	15,446	9,233	3,911	138

1) Those facilities which usually hold those persons on relatively shorter sentences, act as initial point of entry, or as "holding tanks".
2) Data is as of March 31 of each year.
3) For the years 1971 and 1972 the age group is 25 to 34 years.
4) For the years 1971 and 1972 the age group is 35 to 49 years.
5) For the years 1971 and 1972 the age group is 50 to 69 years.
6) For the years 1971 and 1972 the age group is over 69 years.
7) For 1976, 1977 and 1978 the age group is 51 to 70 years.
8) For 1976 the age group is over 70 years.
9) For 1977 and 1978 the age group is 71 years and over.

Source: Ministry of Correctional Services, *Report of the Minister*.

Table 7.18
Motor Vehicle Accidents, Ontario, 1950–1977

Year	Accidents					
	Total Accidents	Fatal	Personal Injury	Property Damage Only	Persons	
					Killed	Injured
1950	43,681	678	13,871	29,132	791	19,940
1951	54,920	824	15,653	38,443	949	22,557
1952	58,515	893	16,300	41,322	1,010	23,634
1953	65,866	920	16,639	48,307	1,082	24,353
1954 ¹	62,509	897	16,810	44,802	1,045	24,607
1955	63,219	971	17,905	44,343	1,111	26,246
1956	71,399	1,008	19,358	51,033	1,180	28,626
1957	76,302	1,089	20,433	54,780	1,279	30,414
1958	76,884	965	20,575	55,344	1,112	30,106
1959	81,518	1,006	21,502	59,010	1,187	31,602
1960	87,186	987	23,714	62,485	1,166	34,436
1961	85,577	1,098	25,643	58,836	1,268	37,146
1962	94,231	1,139	28,667	64,425	1,383	41,766
1963	104,919	1,222	32,718	70,979	1,421	47,801
1964	111,232	1,202	36,527	73,503	1,424	54,560
1965	128,462	1,318	41,047	86,097	1,611	60,917
1966	139,781	1,347	44,246	94,188	1,596	65,210
1967	145,008	1,400	45,023	98,585	1,719	67,280
1968	155,127	1,346	47,719	106,062	1,586	71,520
1969	169,395	1,410	50,136	117,849	1,683	74,902
1970 ²	141,609	1,300	50,372	89,937	1,535	75,126
1971	158,831	1,498	56,117	101,216	1,769	84,650
1972	189,494	1,620	63,541	124,333	1,934	95,181
1973	193,021	1,625	65,335	126,061	1,959	97,790
1974	204,271	1,470	66,352	136,449	1,748	98,673
1975	213,689	1,520	65,811	146,358	1,800	97,034
1976	211,865	1,265	58,028	152,572	1,511	83,736
1977	218,567	1,213	63,787	153,567	1,420	95,664

¹ In April, 1954, the amount for a property-damage-only collision was raised from \$50.00 to \$100.00.

² On January 1, 1970, the minimum reportable amount for a property-damage-only collision was raised to over \$200 from over \$100.

Source: Ministry of Transportation and Communications, Public and Safety Information Branch.

Table 7. 19
Motor Vehicle Accidents, by County, Ontario, 1977

	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Ontario	218,567	1,213	63,787	153,567	1,420	95,664
Algoma	3,970	29	1,077	2,864	35	1,677
Brant	2,889	22	839	2,028	22	1,331
Bruce	1,648	15	444	1,189	18	770
Cochrane	2,165	17	589	1,559	19	902
Dufferin	838	14	255	569	15	395
Dundas	361	6	107	248	7	163
Durham	6,491	49	2,014	4,428	55	3,110
Elgin	1,458	11	457	990	15	670
Essex	8,831	47	2,772	6,012	57	4,144
Frontenac	2,695	22	696	1,977	26	1,038
Glengarry	579	7	180	392	7	297
Grenville	629	9	186	434	11	312
Grey	1,670	18	449	1,203	23	722
Haldimand- Norfolk	2,396	31	722	1,643	39	1,111
Haliburton	428	4	162	262	4	266
Halton	6,211	34	1,813	4,364	36	2,779
Hamilton - Wentworth	11,451	51	3,687	7,713	52	5,481
Hastings	2,774	22	813	1,939	23	1,257
Huron	1,403	27	407	969	28	691
Kenora	1,408	16	393	999	21	668
Kent	3,016	19	899	2,098	22	1,329
Lambton	3,578	29	1,023	2,526	34	1,586
Lanark	1,200	9	332	859	11	553
Leeds	1,470	10	461	999	11	728
Lennox & Addington	752	7	214	531	8	326
Manitoulin	417	6	144	267	6	222
Middlesex	8,767	50	2,677	6,040	62	3,963
Muskoka	1,216	14	396	806	16	650
Niagara	10,556	55	2,934	7,567	74	4,374
Nipissing	2,018	18	663	1,337	23	1,050
Northumberland	1,788	25	542	1,221	30	901
Ottawa - Carleton	14,461	45	3,479	10,937	51	4,918
Oxford	2,067	25	609	1,433	30	954
Parry Sound	1,065	14	373	678	20	649
Peel	10,135	42	2,764	7,329	46	4,182
Perth	1,673	10	492	1,171	10	774
Peterborough	2,594	26	789	1,779	31	1,314
Prescott	729	6	231	492	8	351
Prince Edward	460	6	145	309	6	232
Rainy River	716	3	186	527	3	289
Renfrew	2,209	30	706	1,473	32	1,119
Russell	389	5	111	273	5	182
Simcoe	5,593	53	1,713	3,827	59	2,849
Stormont	1,674	4	445	1,225	6	667
Sudbury District	4,791	38	1,588	3,165	60	2,546
Thunder Bay	5,114	38	1,498	3,578	43	2,340
Timiskaming	927	13	275	639	14	430
Victoria	1,149	11	384	754	12	643
Waterloo	8,083	30	2,097	5,956	32	3,042
Wellington	2,777	18	805	1,954	24	1,329
York	56,888	103	16,750	40,035	118	23,378

Source: Ministry of Transportation and Communications, Public and Safety Information Branch.

Recreation and Tourism

Highlights

- **Recreation** — Per capita expenditure on motion picture entertainment in 1977 was \$11.02 in Ontario and \$10.48 in Canada. Of the 1,094 motion picture theatres in Canada in 1977, 274 or 25.0 per cent were situated in Ontario. These 274 theatres had a seating capacity of 200,109. The number of theatres in Toronto was 57, or 20.8 per cent of the Ontario total. In 1977 Ontario had 35.5 per cent of Canada's car capacity for drive-in theatres, and 92 (or 30.9 per cent) of the 298 drive-in theatres in Canada.

Between 1965 and 1975 the number of campers jumped 79.7 per cent from 902,472 to 1.6 million. Since 1975 this rapid increase has not been maintained, and the number of campers has in fact decreased from 1975 to 1978 by 11.8 per cent. Over the five years 1974 to 1978 camper origin changed by several percentage points. In 1974, 68 per cent came from Ontario, 6 per cent from other provinces and 26 per cent from the U.S.A. In 1978 these percentages were respectively 72 per cent, 10 per cent, and 18 per cent.

In terms of full-year hotels there was a 4.9 per cent rise in the number of establishments from 1,076 in 1975 to 1,129 in 1976. On the other hand, the number of available beds rose from 76,001 in 1975 to 83,480 in 1976, a 9.8 per cent increase.

There was a 1.4 per cent increase in the number of Canadians returning from the U.S. between the years 1977 and 1978 to a mark of 15.6 million. This surpasses the high point reached in 1970 by 11.9 per cent.

The number of U.S. visitors entering Canada has fluctuated over the past few years and reached a low of 31.6 million persons in 1978. This is 0.6 per cent lower than the 1977 mark and 15.0 per cent lower than the 1973 record high of 37.2 million. In 1978, Ontario provided the port of entry for 65.3 per cent of the American visitors to Canada, of which 86.8 per cent arrived by automobile.

Of the 942,920 non-North American travellers entering Ontario in 1978 Europe accounted for 66.8 per cent followed by the Asian countries with 14.9 per cent. Ontario provided the port of entry for 56.3 per cent of foreign visitors to Canada.

Definitions

Days-Nights Stay — The days or nights stay of a person travelling in a country other than that in which he usually resides. Unless otherwise stated, total days or nights stay for returning citizens and residents is the time spent outside of Canada and includes days or nights en route. Data are derived from continuous questionnaire surveys and not from hotel statistics. Included are nights spent in all types of accommodation, such as hotels, motels, hostels, tourist or private homes, camping out, etc.

Direct to Canada - Via the United States — These designations are used in overseas travel and are determined on the basis of entry for visitors and re-entry for Canadians. Persons travelling directly to Canada from overseas countries are considered as direct travellers and those travelling to Canada through or by way of the United States are referred to as travellers via the United States. Expenditures in the United States by Canadians travelling to and from overseas countries via the United States are included in the travel payments to the United States.

Free Time Activities — Any recreational activities or leisure time activities that would be included in the categories of arts, crafts and hobbies, relaxing indoors, exercising, relaxing outdoors, education, informal social activities, community and service activities and home improvement or maintenance.

The collection document used in the survey did not define, except by example where necessary, the categories of events and activities listed. Hence, respondents may have reported under "live theatre" anything from attendance at a school play to attendance at professional theatre. In like fashion, the response to "walking for exercise" may range from rigorous hiking to a leisurely stroll in the park, while swimming may represent either competitive swimming or an occasional dip at the pool.

Household — A person or a group of persons occupying one dwelling unit is defined as a "household". The number of households will therefore be equal to the number of occupied dwellings.

The following note on coverage applies to all tables sourced "Household Facilities and Equipment":

The survey was carried out in conjunction with the Labour Force Survey. Households were chosen by area sampling methods.

The sample for this survey is designed to represent all households in Canada with certain exceptions. Excluded are: households in the Yukon and Northwest Territories, households on Indian reserves, institutional households, military camps, other collective-type households such as those living in hotels, large lodging houses, clubs, logging and construction camps; certain private households living in trailers, in summer cottages, on boats, etc.

Leisure-Time Activity — The questionnaire specified that only "conscious leisuretime activities" should be reported. That is, listening to the car radio while driving to work, or listening to records while doing the housework, were not to be included as leisure-time activities. Also, professional or semi-professional sports activities were not to be reported.

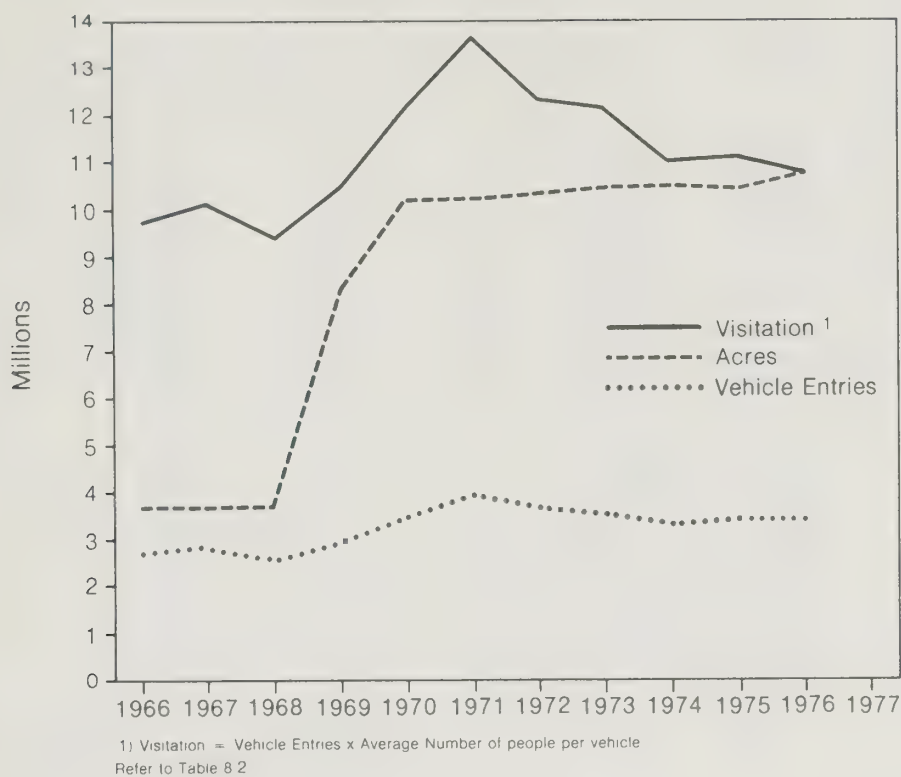
Other Traveller or Modes — A residual classification of international traveller which includes pedestrians, drivers of commercial vehicles, local bus traffic between border communities, etc., normally considered as short-term traffic and treated accordingly.

Overseas Countries — All countries other than the United States of America. Overseas includes the countries of Puerto Rico, St. Pierre and Miquelon, and the Virgin Islands and other United States protectorates. In the case of returning citizens and residents, Hawaii is considered as a United States destination (since 1976).

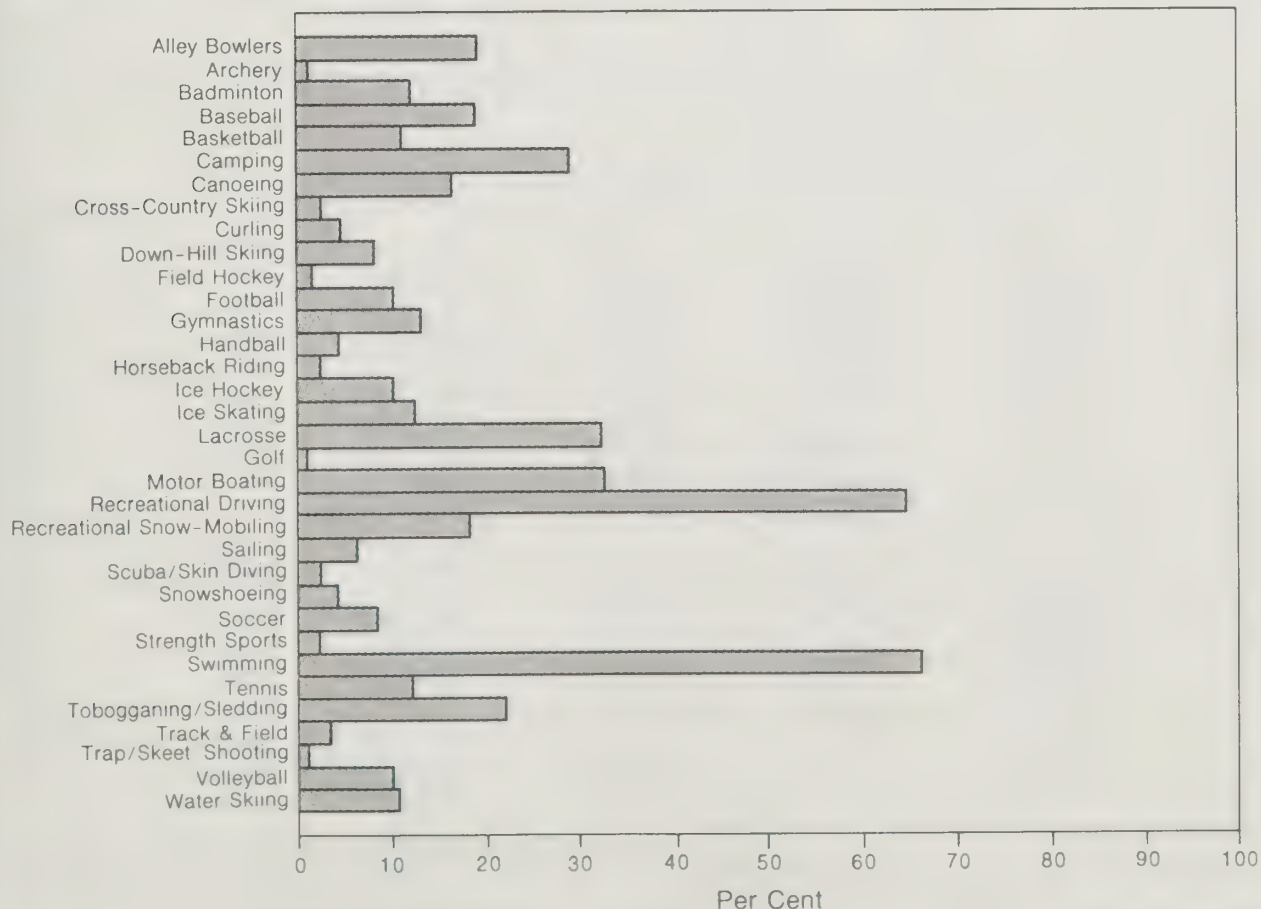
Recreational Activities — For purposes of the Ontario Recreation Survey all activities in which the respondent participates without being paid, which was not part of a school curriculum, or which was done for fund raising are considered recreation.

Returning Citizen and Resident — An international traveller, resident of Canada, who returns to Canada from abroad through a Customs and Immigration point after an absence of less than one year.

Graph 8.A
Provincial Park Area and Public Use, 1966-1976

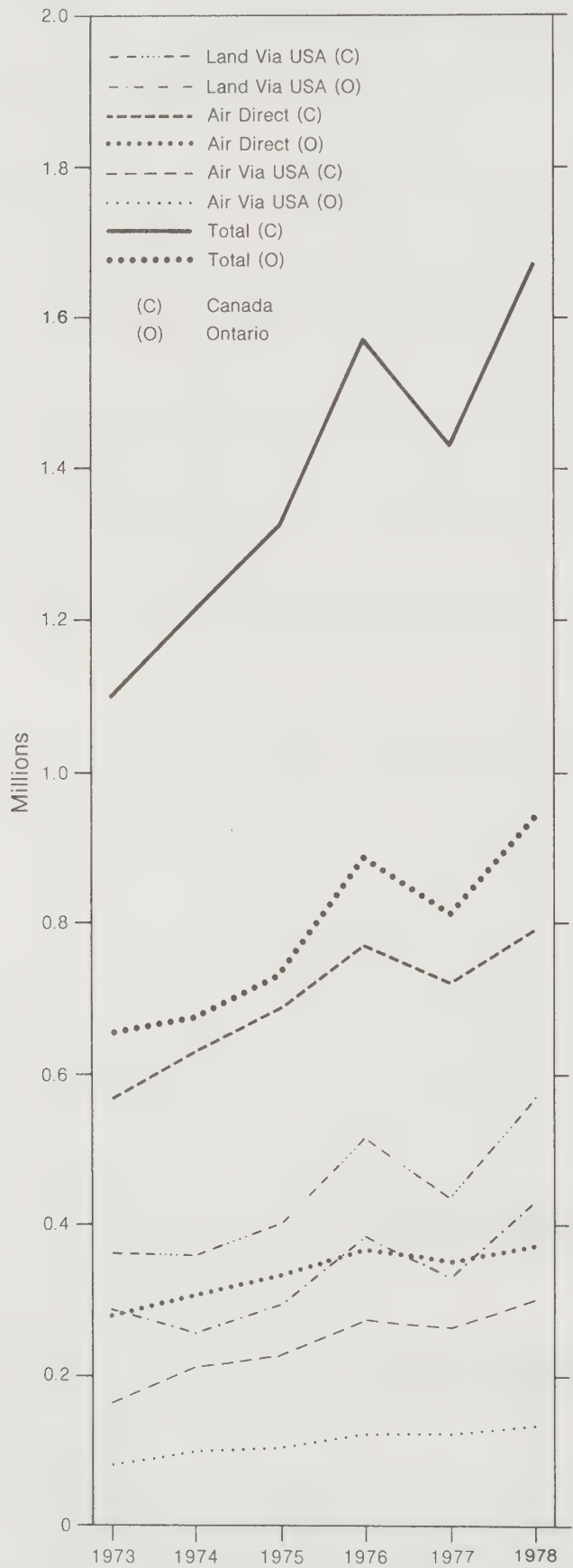


Graph 8.B
Participation in Selected Recreational Activities by Rate, Ontario, 1974



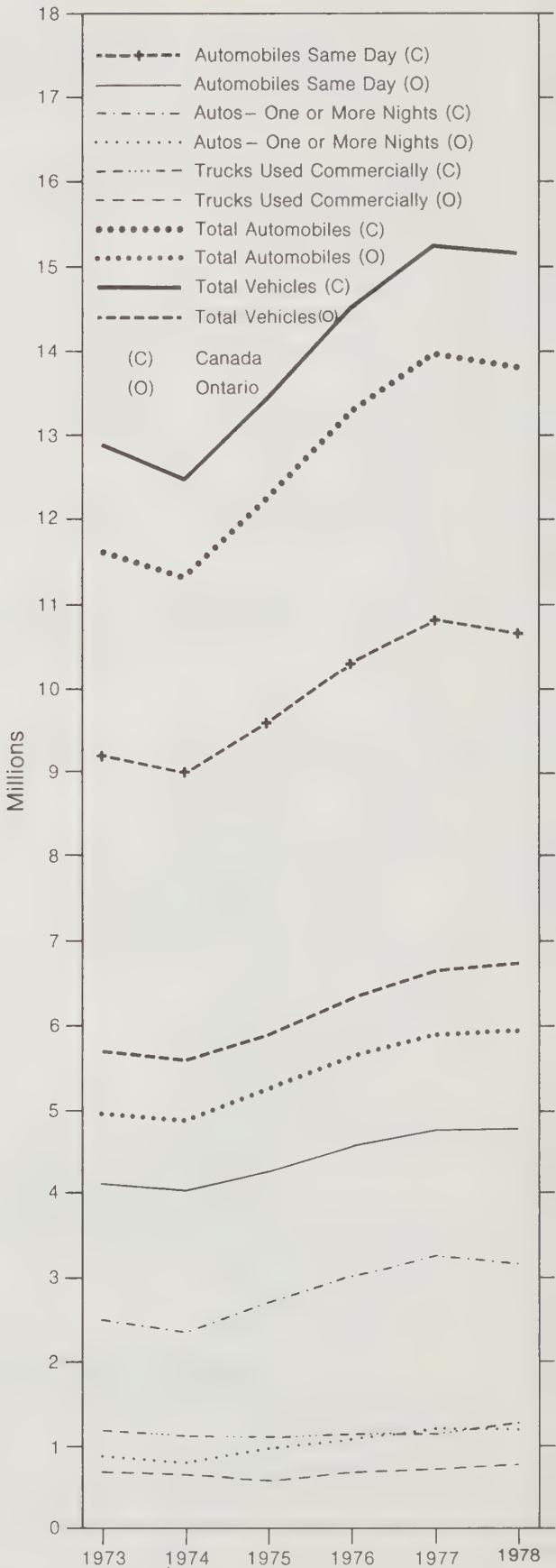
Source: Ministry of Culture and Recreation, *Tourism and Recreational Behaviour of Ontario Residents, Vol. 7 Profiles of Participants*

Graph 8.C
Residents of Countries Other than U.S.A.
Entering Canada by Type of Transportation,
Canada and Ontario, 1973-1978



Refer to Table 8.16

Graph 8.D
Canadian Vehicles Returning from the
United States, Canada and Ontario,
1973-1978



Refer to Table 8.17

Table 8.1
Provincial Park Attendance, Ontario, 1960–1978

	Camper Origin			Campers	Camper Days	Average length of Stay	July-August Occupancy ¹
	Ontario	Other Provinces	U.S.A.				
	%					(days)	%
1960	78	5	17	592,103	1,539,468	2.6	..
1961	71	6	23	862,559	1,725,118	2.0	..
1962	70	6	24	1,063,127	2,126,254	2.0	..
1963	64	7	29	840,491	2,353,375	2.8	..
1964	66	6	28	916,281	2,495,556	2.7	..
1965	63	7	30	902,472	2,495,284	2.8	50
1966	66	6	28	994,787	2,653,055	2.7	52
1967	61	10	29	1,155,091	2,805,143	2.4	44
1968	69	7	24	1,119,912	2,457,801	2.2	51
1969	69	7	24	1,360,639	2,956,214	2.2	55
1970	68	6	26	1,531,528	3,524,322	2.2	60
1971	68	6	26	1,618,948	3,788,525	2.3	62
1972	68	6	26	1,498,479	3,291,559	2.2	53
1973	68	6	26	1,600,817	3,547,215	2.2	58
1974	68	6	26	1,615,677	3,702,059	2.3	62
1975	68	6	26	1,621,887	3,979,473	2.5	66
1976	75	8	17	1,515,353	3,766,796	2.5	..
1977	73	9	18	1,371,039	3,571,581 ¹	2.5	..
1978	72	10	18	1,430,751	3,102,508	2.2	..

¹ % occupancy = $\frac{\text{number of nights occupancy} \times 100}{\text{number of campsites in parks} \times 62 \text{ days}}$.

Source: Ministry of Natural Resources, *Ontario Provincial Park Statistical Report*.

Table 8.2
Provincial Park Characteristics, Ontario, 1960–1978

	Parks	Acreage	Vehicle Entries	Visitation ¹	Total Interpretive Contacts ²	Developed Campsites
1960	72	3,354,481	1,552,671	5,692,578	376,062	7,489
1961	77	3,465,973	1,725,876	6,215,370	394,976	10,591
1962	81	3,481,158	2,181,363	7,820,994	487,417	12,745
1963	86	3,696,368	2,372,223	8,526,443	495,014	13,951
1964	88	3,711,464	2,537,483	9,147,218	507,800	14,622
1965	89	3,742,160	2,437,988	8,875,668	469,914	15,427
1966	92	3,747,267	2,738,664	9,791,671	545,021	15,922
1967	94	3,756,255	2,817,362	10,192,533	579,850	16,201
1968	96	3,763,440	2,588,242	9,440,211	661,598	17,298
1969	97	8,379,596	2,946,228	10,459,936	774,097	18,039
1970	108	10,236,909	3,468,758	12,172,254	754,021	18,296
1971	113	10,282,848	3,903,368	13,658,619	892,760	18,941
1972	115	10,363,312	3,652,935	12,320,794	796,709	19,983
1973	115	10,405,264	3,585,161	12,136,909	894,314	20,209
1974	117	10,466,668	3,286,106	11,031,651	919,286	20,036
1975	121	10,416,219	3,401,561	11,139,864	1,454,270	20,332
1976	122	10,771,959	3,431,189	10,732,666	1,485,340	19,851
1977	123	10,775,144	3,276,625	10,431,166	1,900,016	20,035
1978	128	10,532,457 ³	..	..	..	20,206

¹ Visitation = Vehicle Entries \times Average Number of people per vehicle.

² The number of Park visitors who have participated in programs run by the Provincial Park Staff, (i.e., guided nature hikes, tours, etc.)

³ Park acreages were redetermined in 1978.

Source: Ministry of Natural Resources, *Ontario Provincial Parks Statistical Report*

Table 8.3
Number of Person-trips and Expenditure by Travellers in Ontario, by Origin, 1977-1978

Origin	Number of Person-Trips		Expenditure	
	1977	1978 ^p	1977	1978 ^p
	'000's		\$ Millions	
Ontario	76,500 ^p	82,230	3,357 ^p	3,900
Other Provinces	10,700 ^p	11,200	557 ^p	630
United States	20,801	20,738	786	845
Other Countries	848	986	268	390
Total	108,849	115,154	4,968	5,765

Source: SC. Ministry of Industry and Tourism, Tourism Market Analysis Section.

Table 8.4
Overnight Camping Equipment and Boats, Canada and Ontario, Selected Years, 1974–1978¹

	1974		1976		1978	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
	'000's					
Overnight Camping Equipment						
Tent Trailer	254	98	306	118	307	108
Tent	859	305	942	335	1,241	467
Travel Trailer	218	68	260	83	330	94
Truck Camper	136	35	156	41	203	52
Other	47	14	41	11	66	17
% of Households With Equipment ^{2,3}	21.4	19.2	23.5	21.6	27.1	24.6
Boats						
Canoe	199	101	257	122	363	165
Sailboat	69	30	77	42	96	45
Rowboat, Skiff, Dory	245	84	202	66	251	92
Outboard Motor Boat	480	216	559	250	575	254
Other	51	20	45	21	46	17
% of Households With Boats ^{2,3}	13.5	14.8	14.1	15.9	14.8	16.2

1) For 1974, figures are as of April; for 1976 and 1978, figures are as of May.
2) For the number of total households and an explanation of the coverage, see Table 9.4 and the introductory note at the beginning of Chapter 9.
3) Sum of kinds of camping equipment (boats) is greater than total households with camping equipment (boats) since some households have more than one kind.

Source: SC, *Household Facilities and Equipment*.

Table 8.5Outboard Motors, Canada and Ontario, Selected Years, 1968–1978¹

	Total Households ²	Households with Outboard Motors ³	Households without Outboard Motors ³
	'000's		
1968			
Canada	5,458	525	4,933
Ontario	2,003	243	1,760
1970			
Canada	5,784	605	5,179
Ontario	2,140	264	1,876
1972			
Canada	6,111	671	5,441
Ontario	2,275	293	1,982
1974			
Canada	6,513	669	5,843
Ontario	2,440	283	2,157
1976			
Canada	6,949	559	6,390
Ontario	2,606	250	2,356
1978			
Canada	7,320	575	6,745
Ontario	2,741	254	2,487

1) For 1974, figures are as of April; all other years, figures are as of May.

2) See introductory note of this chapter for an explanation of the coverage.

3) 1976 and 1978 figures refer to motor boats.

Source: SC, *Household Facilities and Equipment*.**Table 8.6**Vacation Homes¹, Canada and Ontario, Selected Years, 1973–1978²

	Total Households ³	Households with Vacation Homes	Households without Vacation Homes
	'000's		
1973			
Canada	6,301	452	5,849
Ontario	2,354	163	2,191
1974			
Canada	6,513	478	6,035
Ontario	2,440	187	2,252
1976			
Canada	6,949	477	6,471
Ontario	2,606	193	2,413
1978			
Canada	7,320	473	6,846
Ontario	2,741	186	2,555

1) Excludes trailers or any other mobile homes.

2) For 1973 and 1974 figures are as of April. For 1976 and 1978 figures are as of May.

3) See introductory note of this chapter for an explanation of the coverage.

Source: SC, *Household Facilities and Equipment*.

Table 8.7
Adult-size Bicycles, Canada and Ontario, 1974-1978¹

	1974		1975		1976		1977 ¹		1978	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Total Households ²	6,513	2,440	6,721	2,523	6,949	2,606	7,119	2,666	7,320	2,741
Households With Adult-Size Bicycles ³										
One	1,144	457	1,251	478	1,387	533	1,492	569	1,604	618
Two Or More	831	343	1,020	424	1,333	540	1,399	546	1,467	564
Households Without Adult-Size Bicycles	4,537	1,639	4,450	1,621	4,229	1,533	4,228	1,551	4,248	1,558

¹ Year as of April 1974 and 1975; and May 1976, 1977 and 1978.

² See introductory note of this chapter for an explanation of the coverage.

³ Bicycles owned and used by persons 14 years of age and over.

Source: SC, *Household Facilities and Equipment*.

Table 8.8
Snowmobiles, Canada and Ontario, 1974-1978¹

	1974		1975		1976		1977 ¹		1978	
	Canada ¹	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario ¹	Canada	Ontario
Total Households ²	6,513	2,440	6,721	2,523	6,949	2,606	7,119	2,666	7,320	2,741
Households With Snowmobiles										
One Snowmobile	465	157	500	161	495	164	532	167	518	174
Two or More	140	58	173	72	185	78	183	72	192	79
Households Without Snowmobiles	5,907	2,224	6,048	2,290	6,268	2,364	6,404	2,427	6,670	2,488

¹ For 1976, 1977 and 1978, figures are as of May; all other years, figures are as of April.

² See introductory note of this chapter for an explanation of the coverage.

Source: SC, *Household Facilities and Equipment*.

Table 8.9
Principal Statistics of Motion Picture Theatres, by Selected City, Canada and Ontario¹, 1972–1977²

	Establish- ments	Seating Capacity	Receipts from Admissions (excluding Taxes)	Amusement ⁵ Taxes	Number of Paid Admis- sions	Potential Number of Admissions	Average Admis- sion Price ³
			\$'000's		'000's		\$
1972							
Canada	1,128	651,899	122,493	8,907	81,241	544,729	1.51
Ontario	283	206,114	46,047	4,263	28,830	186,232	1.60
Toronto	63	56,126	17,465	1,672	9,067	59,403	1.93
Hamilton	12	9,158	2,286	218	1,340	8,431	1.71
Ottawa	12	10,189	3,328	310	2,004	13,250	1.66
London	7	5,887	1,802	133	1,131	9,027	1.59
Windsor	7	7,624	1,659	157	1,048	9,462	1.58
1973							
Canada	1,135	650,851	129,876	9,665	77,438	532,375	1.68
Ontario	292	209,476	48,493	4,613	27,668	185,971	1.75
Toronto	65	57,130	17,774	1,714	8,551	60,375	2.08
Hamilton	16	11,993	2,997	283	1,654	10,619	1.81
Ottawa	12	10,183	3,676	354	2,109	10,606	1.74
London	7	6,028	1,920	187	1,053	8,567	1.82
Windsor	7	6,966	1,612	160	881	9,006	1.83
1974							
Canada	1,116	643,406	149,720	11,184	79,020	509,207	1.89
Ontario	285	205,477	56,135	5,616	29,127	183,726	1.93
Toronto	67	57,103	19,660	2,040	8,793	57,113	2.24
Hamilton	14	10,586	3,397	326	1,660	9,813	2.05
Ottawa	11	9,215	4,564	443	2,318	10,149	1.97
London	8	6,295	2,339	232	1,148	8,037	2.04
Windsor	7	6,966	1,923	194	933	9,343	2.06
1975							
Canada	1,173	666,591	183,139	13,406	84,161	525,035	2.16
Ontario	294	210,271	69,522	6,975	31,405	185,464	2.21
Toronto	61	52,330	21,952	2,182	8,791	56,177	2.50
Hamilton	14	10,499	3,624	359	1,598	10,516	2.27
Ottawa	11	9,163	5,317	524	2,348	9,977	2.26
London	8	6,261	2,728	263	1,176	8,503	2.32
Windsor	7	6,862	.. ⁴	.. ⁴	.. ⁴	.. ⁴	2.24
1976							
Canada	1,129	652,524	192,462	14,098	82,328	533,732	2.34
Ontario	283	202,029	70,882	7,099	29,964	189,957	2.37
Toronto	55	49,497	22,161	2,196	8,301	55,126	2.67
Hamilton	14	10,826	3,818	373	1,608	10,849	2.37
Ottawa	11	9,163	5,530	545	2,403	10,800	2.30
London	8	6,277	2,746	273	1,126	8,513	2.44
Windsor	7	6,305	.. ⁴	.. ⁴	.. ⁴	.. ⁴	2.30
1977							
Canada	1,094	642,915	197,813	12,529	76,455	479,923	2.59
Ontario	274	200,109	72,872	5,625	28,194	167,164	2.58
Toronto	57	54,930	26,523	2,060	9,230	58,157	2.87
Hamilton	14	10,743	4,069	273	1,609	9,761	2.53
Ottawa	12	10,463	5,980	418	2,403	10,242	2.48
London	9	6,706	3,053	.. ⁴	1,190	7,770	2.57
Windsor	7	6,305	.. ⁴	.. ⁴	.. ⁴	.. ⁴	2.54

1) Includes only those theatres located within the incorporated limits of the city.

2) 1971 data not available as no survey was carried out. Data will be available through the 1971 Census.

3) Admission receipts (excluding taxes) divided by number of admissions. No corrections are made for juvenile attendance, matinee, evening prices, etc.

4) Data is confidential to meet secrecy requirements of the Statistics Act.

5) In 1977 amusement taxes were charged only on tickets costing \$3.00 or more.

Source: SC, *Motion Picture Theatres and Film Distributors*.

Table 8.10
Principal Statistics of Drive-in Theatres, Canada and Ontario, 1967–1977¹

	Establish- ments	Car Capacity	Walk-in Seats	Number of Paid Admissions	Receipts to from Ad- missions (excluding taxes)	Amuse- ment Taxes ³	Sales of Candy, Drinks, Cigarettes, etc.	Per Capita Ex- penditure on Motion Picture Entertain- ment ²
				'000's		\$'000's		\$
1967								
Canada	253	101,490	674	12,042	12,759 ^r	787	5,424	5.08
Ontario	98	48,725	40	5,695	6,550	622	3,024	6.07
1968								
Canada	261	106,231	705	12,252	14,656	932	6,341	5.88
Ontario	102	50,531	40	6,050	7,893	751	3,601	7.13
1969								
Canada	271	108,729	686 ^r	11,308	15,658	1,033	6,696	6.01
Ontario	103	51,126	40	5,622	8,301	830	3,578	7.20
1970								
Canada	279	115,512	328	11,489	17,047	1,118	7,081	6.45
Ontario	102	51,458	-	5,377	8,463	845	3,667	7.37
1972								
Canada	284	117,858	457	10,559	17,881	1,173	7,847	6.89
Ontario	103	54,202	279	4,772	8,170	809	3,498	7.58
1973								
Canada	299	133,435	380	11,581	20,726	1,445	8,891	7.32
Ontario	103	53,725	270	4,465	8,502	867	3,550	7.87
1974								
Canada	307	143,758	369	11,372	22,963	1,600	10,104	8.26
Ontario	100	52,647	279	4,326	9,291	945	3,857	8.89
1975								
Canada	315	148,531	600	12,843	29,283	1,973	12,102	10.04 ^r
Ontario	98	53,065	279	4,805	11,682	1,221	4,255	10.84 ^r
1976								
Canada	309	145,659	605	13,048	31,573	2,105	13,241	10.39
Ontario	101	53,269	279	5,075	12,868	1,284	4,725	11.06
1977								
Canada	298	139,689	576	11,779	31,880	1,544	13,594	10.48
Ontario	92	49,635	420	4,552	12,879	705	5,125	11.02

1) 1971 data are not available as no survey was carried out. Data will be available through the 1971 Census.
2) Per capita expenditure is calculated from total receipts (including amusement taxes) of drive-ins and regular theatres.
3) In 1977 amusement taxes were charged only on tickets costing \$3.00 or more.

Source: SC, *Motion Picture Theatres and Film Distributors*.

Table 8.11

Principal Statistics for Hotels, Classified by Nature of Operations, Canada and Ontario, 1973-1976

	Licensed Hotels										Non-licensed Hotels											
	Employment ¹⁾										Employment ¹⁾											
	Total No. of Establishments	Beds		Family Workers	Paid Employees		Salaries and Wages (\$'000's)	Total No. of Establishments	Beds		Family Workers	Paid Employees		Salaries and Wages (\$'000's)								
		Single	Double		Full- Time	Part- Time			Single	Double		Full- Time	Part- Time									
Full-year Hotels																						
1973																						
Canada	4,060	82,581	125,104	1,527	77,389	25,376	403,451	474	6,796	12,971	270	2,240	824	10,474								
Ontario	890	22,804	38,610	327	23,486	9,302	129,090	138	1,637	3,753	128	576	246	2,645								
1974																						
Canada	4,071	82,600	135,625	1,266	82,812	27,761	487,540	474	6,390	14,034	204	2,199	927	12,392								
Ontario	873	23,135	40,422	234	25,309	9,665	154,884	138	1,409	4,029	115	501	327	2,990								
1975																						
Canada	4,432 ^r	84,339	152,363	1,062	75,662	32,832	575,986	468 ^r	6,550	15,475	195	2,329	1,119 ^r	15,273								
Ontario	945 ^r	23,209	47,028	244	25,808	11,141	175,607	131 ^r	1,562	4,202	109	465	371	3,302								
1976																						
Canada	4,605	85,329	165,713	1,465	93,444	32,903	704,531	474	7,429	15,801	230	2,465	1,123	18,503								
Ontario	1,000	26,267	51,603	295	29,233	11,312	219,331	129	1,755	3,855	93	520	398	4,061								
Seasonal Hotels																						
1973																						
Canada	201	6,804	4,797	102	2,217	881	7,283	249	5,377	4,830	228	734	398	2,538								
Ontario	36	1,409	1,135	16	331	114	1,410	152	2,859	3,248	170	430	267	1,638								
1974																						
Canada	144	4,678	4,492	71	1,834	432	6,252	204	4,655	3,823	160	609	223	2,340								
Ontario	30	1,172	1,191	27	363	64	1,428	125	2,351	2,629	122	290	137	1,417								
1975																						
Canada	147 ^r	3,989	3,825	70	1,458	432	6,523	202 ^r	4,807	4,231	189	526	321	2,629								
Ontario	22	908	682	12	297	97	1,456	119	2,244	2,689	131	305	215	1,597								
1976																						
Canada	146	4,678	4,196	65	1,469	1,434	11,246	204	4,778	4,127	180	594	353	2,993								
Ontario	29	935	1,052	17	278	138	1,627	114	2,109	2,609	132	353	246	1,801								

1) Employment data represent the number of full- and part-time employees receiving pay during the last pay period of September.

Table 8.12
Nature of Rooms and Receipts¹, Hotels Classified by Nature of Operation, Canada and Ontario 1969–1976²

		Full Year Hotels				Seasonal Hotels			
		Licenced Hotels		Non-Licenced Hotels		Licenced Hotels		Non-Licenced Hotels	
		Rooms	Receipts (\$'000's)	Rooms	Receipts (\$'000's)	Rooms	Receipts (\$'000's)	Rooms	Receipts (\$'000's)
1969	Canada	137,930	989,781	11,819	25,372	6,983	20,082	7,181	9,078
	Ontario	39,611	308,136	2,813	6,237	1,356	3,768	4,620	6,288
1970	Canada	142,836	1,075,001	12,684	27,517	6,325	16,278	6,862	9,614
	Ontario	40,748	332,169	3,386	7,398	1,280	3,759	4,594	6,886
1972	Canada	148,235	1,306,943	11,781	28,481	6,792	30,854	6,469	10,404
	Ontario	43,016	396,755	3,114	7,874	1,411	6,064	3,926	6,677
1973	Canada	152,377	1,490,980	14,033	39,459	7,064	25,595	5,820	10,193
	Ontario	44,935	449,977	3,761	10,860	1,368	4,946	3,602	6,777
1974	Canada	160,908	1,772,386	14,721	48,664	5,251	22,098	4,749	9,616
	Ontario	47,362	531,253	3,813	12,445	1,245	4,915	2,858	5,979
1975	Canada	167,378	2,011,813	15,202	54,390	4,535	21,291	5,205	9,654
	Ontario	50,083	589,646	3,946	14,676	863	4,643	2,841	6,105
1976	Canada	181,260	2,377,978	16,567	66,019	4,864	34,108	5,078	11,113
	Ontario	54,984	694,929	3,849	16,314	1,099	5,356	2,719	6,686

1) Pertains to total sales of rooms, meals, beer, wine, liquor, merchandise, etc.
2) Comparable data for 1971 is not available.

Source: SC, *Traveller Accommodation Statistics*.
Ministry of Industry and Tourism, Tourism Research Branch.

Table 8.13
Non-Resident Travellers Entering Canada by Place of Residence¹, Canada and Ontario, 1974–1978

		Europe	Africa	Asia	North America, Central America and Caribbean	South America	Oceania and Other Ocean Islands	Total
1974								
Canada		835,379	25,348	166,630	97,413	41,670	52,816	1,219,256
	Ontario	472,393	9,706	78,203	67,756	26,027	20,749	674,834
1975								
Canada		892,322	26,196	196,439	110,721	46,370	55,508	1,327,556
	Ontario	502,925	10,985	91,126	76,730	29,330	21,331	732,427
1976								
Canada		1,049,311	33,833	239,586	124,583	57,608	72,409	1,577,330
	Ontario	599,120	15,070	118,190	84,685	37,617	30,599	885,281
1977								
Canada		944,145	33,135	218,274	107,080	56,203	65,847	1,424,684
	Ontario	542,424	15,829	106,301	72,538	35,786	28,092	800,970
1978								
Canada		1,095,835	35,863	276,738	123,026	63,101	79,100	1,673,663
	Ontario	629,459	16,139	140,329	92,319	40,788	33,886	942,920

1) Residents of the United States are not included.

Source: SC, *Travel Between Canada and Other Countries*.

Table 8. 14

Canadian Resident Travellers Returning from the United States by Type of Transportation,
Canada and Ontario, 1968–1978

	Land				Air	Marine	Other Modes of Transportation	Total
	Automobile	Bus	Rail	Total Land ¹				
1968								
Canada	..	608,713	136,410	745,123	927,827	134,639	..	1,807,589
Ontario	..	304,459	66,270	370,729	555,102	92,777	..	1,018,608
1969								
Canada	..	689,818	114,986	804,804	1,200,868	131,772	..	2,137,444
Ontario	..	358,040	55,340	413,380	630,265	86,816	..	1,130,461
1970								
Canada	29,097,000	677,600	86,000	29,860,600	1,195,000	124,900	2,877,300	34,057,800
Ontario	11,156,900	346,200	40,700	11,543,800	627,600	80,800	1,680,800	13,933,000
1971								
Canada	27,650,200	728,800	27,200	28,406,200	1,262,100	135,300	2,781,900	32,585,500
Ontario	10,835,700	384,500	10,700	11,230,900	673,700	105,100	1,600,600	13,610,300
1972 ²								
Canada	27,105,100	1,466,200	10,400	28,581,700	1,115,900	150,900	599,100	30,447,600
Ontario	10,581,300	1,038,000	2,200	11,621,500	550,700	136,000	244,900	12,553,100
1973								
Canada	27,255,652	1,410,089	19,395 ³	28,685,136	1,349,220	190,371	531,084	30,755,811
Ontario	10,589,164	955,995	2,491	11,547,650	682,790	171,501	179,778	12,581,719
1974								
Canada	26,329,004	1,467,760	36,093 ³	27,832,857	1,579,928	208,767	469,745	30,091,297
Ontario	10,299,665	902,073	8,537	11,210,275	785,220	180,296	155,283	12,331,074
1975								
Canada	29,006,862	1,426,673	35,284	30,468,819	1,757,934	231,503	504,558	32,962,814
Ontario	11,348,274	926,126	7,317	12,281,717	825,774	204,417	163,693	13,475,601
1976								
Canada	31,549,622	1,466,044	38,239	33,053,905	2,128,501	233,198	519,271	35,934,875
Ontario	12,405,100	942,088	9,270	13,356,458	957,568	201,684	190,206	14,705,916
1977								
Canada	33,196,440	1,398,063	44,550	34,639,053	2,456,805	290,155	511,234	37,897,247
Ontario	12,991,857	870,983	7,975	13,870,815	1,094,321	250,644	165,890	15,381,670
1978								
Canada	32,422,880	1,392,441	41,728	33,857,049	2,685,734	276,784	473,956	37,293,523
Ontario	13,116,144	867,767	6,883	13,990,794	1,225,029	236,986	140,121	15,592,930

1) Excludes other modes of land transportation.

2) The data in 1972 reflects changes in the methods of collection. For example, local bus traffic was shifted from the "other modes" category to the "Bus" category which before 1972 related only to "long distance" bus traffic. Air and rail crews were no longer included under the "Air" and "Rail" categories, respectively. The increase from 1971 to 1972 in "Marine" visitors is the result of the shift from "other modes" to the "Marine" category of ferry traffic from Amherstburg, Ontario and Victoria, B.C. After 1972 the "Other Modes" category included other forms of land transportation only.

3) Reflects the introduction of new passenger service lines.

Source: SC, *Travel Between Canada and Other Countries*.

Table 8. 15
U.S. Residents entering Canada by Type of Transportation, Canada and Ontario, 1972–1978

	Land				Air	Marine	Other Modes of Transportation	Total
	Automobile	Bus	Rail	Total Land ¹				
1972								
Canada	32,194,145	1,410,398	36,809	33,641,352	1,187,999	804,417	612,222	36,245,990
Ontario	19,929,483	992,991	2,457	20,924,931	550,635	728,941	228,106	22,432,613
1973								
Canada	32,698,358	1,504,989	59,850 ²	34,263,197	1,429,621	856,125	635,359	37,184,302
Ontario	20,548,646	1,035,702	2,692	21,587,040	691,646	766,482	252,979	23,298,147
1974								
Canada	30,452,542	1,535,846	90,721	32,079,109	1,607,118	892,990	598,937	35,178,154
Ontario	19,956,543	1,012,816	6,520	20,975,879	778,014	793,405	238,354	22,785,652
1975								
Canada	30,007,653	1,520,281	87,663	31,615,597	1,529,782	801,512	635,350	34,582,241
Ontario	19,709,226	1,016,916	9,084	20,735,226	708,675	687,395	244,240	22,375,536
1976								
Canada	27,787,050	1,477,600	104,831	29,369,481	1,484,104	779,043	598,274	32,230,902
Ontario	18,143,863	1,019,869	25,048	19,188,780	694,595	656,249	215,110	20,754,734
1977								
Canada	27,272,917	1,426,783	109,519	28,809,219	1,592,745	762,651	609,196	31,773,811
Ontario	18,114,967	961,498	21,719	19,098,184	729,534	655,845	215,523	20,699,086
1978								
Canada	26,907,290	1,462,904	101,654	28,471,848	1,666,238	845,303	613,770	31,597,159
Ontario	17,914,642	985,420	21,795	18,921,857	767,031	743,134	200,467	20,632,489

1) Excludes other modes of land transportation.
2) Reflects the introduction of new passenger service lines.

Source: SC, *Travel Between Canada and Other Countries*.

Table 8. 16
Residents of Countries Other Than the U.S.A. Entering Canada, by Type of Transportation, Canada and Ontario, 1972–1978

	Land	Air		Marine		Total
	(Via U.S.A.)	Direct	(Via U.S.A.)	Direct	(Via U.S.A.)	
1972						
Canada	318,828	441,419	131,133	9,049	1,759	902,188
Ontario	251,791	184,921	66,533	-	10	503,255
1973						
Canada	365,600	565,625	164,606	7,107	1,906	1,104,844
Ontario	287,924	285,835	82,542	5	15	656,324
1974						
Canada	361,829	636,901	212,582	7,000	944	1,219,256
Ontario	259,836	314,664	100,309	-	25	674,834
1975						
Canada	407,188	683,697	228,528	5,132	3,011	1,327,556
Ontario	297,001	332,033	103,374	-	19	732,427
1976						
Canada	519,930	771,853	277,126	5,187	3,234	1,577,330
Ontario	390,457	372,050	122,733	-	41	885,281
1977						
Canada	437,475	717,800	262,704	4,426	2,279	1,424,684
Ontario	326,379	353,874	120,674	-	43	800,970
1978						
Canada	570,879	793,861	302,711	4,208	2,007	1,673,663
Ontario	431,663	376,742	134,468	-	47	942,920

Source: SC, *Travel Between Canada and Other Countries*.

Table 8. 17**Canadian Vehicles Returning from the United States, Canada and Ontario, 1968–1978**

Year	Automobiles			Trucks Used Commercially	Other Vehicles	Total
	Same Day	One or More Nights	Total			
1968						
Canada	9,136,145 ¹	2,460,861	11,597,006	869,862	..	12,466,868
Ontario	3,976,717	938,913	4,915,630	457,016	..	5,372,646
1969						
Canada	9,467,381 ²	2,540,871	12,008,252	1,003,660	..	13,011,912
Ontario	4,292,929	869,351	5,162,280	558,281	..	5,720,561
1970						
Canada	8,985,600	2,493,300	11,478,900	1,011,400	223,600	12,713,900
Ontario	4,034,800	872,500	4,907,300	531,400	71,300	5,510,000
1971						
Canada	8,592,900	2,513,200	11,106,100	1,034,400	196,900	12,337,400
Ontario	3,960,500	933,400	4,893,900	546,100	50,900	5,490,900
1972						
Canada	8,901,100	2,524,200	11,425,300	1,159,100	85,400	12,669,800
Ontario	4,053,700	942,600	4,996,300	646,700	10,900	5,653,900
		One Night	Two or More Nights			
1973						
Canada	9,128,294	490,017	1,964,306	1,183,245	99,385	12,865,247
Ontario	4,106,527	173,653	715,327	666,139	15,300	5,676,946
1974						
Canada	8,974,996	468,374	1,852,016	1,109,068	91,592	12,496,046
Ontario	4,090,097	163,629	627,604	653,864	14,207	5,549,401
1975						
Canada	9,571,752	487,976	2,205,697	1,008,361	101,342	13,375,128
Ontario	4,271,381	175,492	776,076	577,568	17,421	5,817,938
1976						
Canada	10,249,299	513,017	2,479,363	1,110,146	100,812	14,452,637
Ontario	4,557,805	193,516	880,051	668,796	17,099	6,317,267
1977						
Canada	10,744,612	550,178	2,666,865	1,128,166	111,559	15,201,380
Ontario	4,727,695	208,156	938,132	694,757	20,572	6,589,312
1978						
Canada	10,669,987	544,061	2,594,817	1,253,826	112,262	15,174,953
Ontario	4,783,044	219,275	979,601	754,375	20,756	6,757,051

¹⁾ Includes 91,977 motorcycles and bicycles and 134,033 taxis.

²⁾ Includes 93,612 motorcycles and bicycles and 139,426 taxis.

Source: SC, *Travel Between Canada and Other Countries*.

Table 8.18
U.S. Vehicles Entering Canada, Canada and Ontario, 1968–1978

		Automobiles			Trucks Used Commercially	Other Vehicles	Total
	Same Day	One or More Nights	Total				
1968							
Canada	8,334,883	3,418,325	11,753,208	626,289	135,872	12,515,369	
Ontario	5,540,735	1,979,170	7,519,905	344,865	62,876	7,927,646	
1969							
Canada	8,330,557	3,565,229	11,895,786	629,314	140,951	12,666,051	
Ontario	5,531,298	2,053,245	7,584,543	336,292	67,954	7,988,789	
1970							
Canada	8,426,073	3,867,244	12,293,317	630,485	152,545	13,076,347	
Ontario	5,520,316	2,161,570	7,681,886	324,730	72,674	8,079,290	
1971							
Canada	8,341,378	4,102,292	12,443,670	726,062	144,777	13,314,509	
Ontario	5,427,661	2,358,088	7,785,749	380,425	62,633	8,228,807	
1972							
Canada	8,419,279	4,035,044	12,454,323	792,438	74,702	13,321,463	
Ontario	5,491,909	2,275,962	7,767,871	455,642	28,829	8,252,342	
		One Night	Two or More Nights				
1973							
Canada	8,575,03	846,466	3,201,671	12,623,176	887,934	89,130	13,600,240
Ontario	5,673,192	595,588	1,686,910	7,955,690	511,703	37,733	8,505,126
1974							
Canada	8,211,801	781,546	2,956,988	11,950,335	901,671	84,791	12,936,797
Ontario	5,579,464	571,764	1,643,055	7,794,283	501,239	35,093	8,330,615
1975							
Canada	8,154,086	749,791	2,964,200	11,868,077	905,059	90,855	12,863,991
Ontario	5,573,757	543,033	1,635,822	7,752,612	496,880	39,869	8,289,361
1976							
Canada	7,749,615	715,494	2,721,663	11,186,772	1,025,611	75,327	12,287,710
Ontario	5,291,472	512,357	1,488,710	7,292,539	594,547	29,374	7,916,460
1977							
Canada	7,725,066	693,604	2,650,130	11,068,800	1,039,190	74,721	12,182,711
Ontario	5,282,362	508,683	1,506,013	7,297,058	611,017	29,854	7,937,929
1978							
Canada	7,728,100	705,203	2,590,377	11,023,680	1,026,421	72,765	12,122,866
Ontario	5,301,430	516,052	1,473,057	7,290,539	579,794	78,935	7,899,268

Source: SC, *Travel Between Canada and Other Countries*.

Table 8. 19

Canadian Resident Travellers Returning from Overseas Countries, Canada and Ontario,
1950–1978

	Number of Canadian Travellers Returning to Canada from Other Countries ¹			Number of Canadian Resi- dents Returning to Canada from Overseas via Ontario
	Direct	Via the U.S.	Total	
1950	44,000	12,000	56,000	..
1951	44,000	11,000	55,000	..
1952	55,000	10,000	65,000	..
1953	62,000	19,000	81,000	..
1954	74,000	22,000	96,000	..
1955	88,000	29,000	117,000	..
1956	106,000	33,000	139,000	..
1957	120,000	39,000	159,000	..
1958	132,000	42,000	174,000	..
1959	157,000	46,000	203,000	..
1960	189,000	52,000	241,000	..
1961	223,000	54,000	277,000	..
1962	253,000	58,000	311,000	..
1963	282,000	60,000	342,000	..
1964	323,000	69,000	392,000	..
1965	386,000	70,000	456,000	..
1966	423,000	80,000	503,000	..
1967	437,000	85,000	522,000	246,906
1968	538,000	100,000	638,000	345,796
1969	732,000	120,000	852,000	460,080
1970	957,000	142,000	1,099,000	581,400
1971	1,039,000	158,000	1,197,000	598,100
1972	1,029,000	114,000	1,143,000	616,600
1973	1,225,000	136,000	1,361,000	653,021
1974	1,264,000	171,000	1,435,000	693,700
1975	1,401,000	153,000	1,554,000	762,963
1976	1,413,000	169,000	1,582,000	822,851
1977	1,580,000	197,000	1,777,000	905,081
1978	1,602,000	206,000	1,808,000	917,433

¹) Excluding the United States.

Source: SC, *Travel Between Canada and Other Countries*.

Housing and Household Equipment

Highlights

- **Housing** — The number of households in Ontario in 1971 having more than one person per room was 150,715, a decrease of 22.4 per cent from 1961 when 194,343 households had more than one person per room. The level of crowding is comparable to 1951. In Canada in 1971 there were 569,485 such households, a 24.2 per cent reduction from the 750,942 households in 1961 having more than one person per room.

Of Ontario's 2.7 million households, 1.8 million or 65.6 per cent in 1978 were owned and 34.4 per cent were rented. Of this total number of households, 11.9 per cent had 3 or fewer rooms per dwelling and 29.3 per cent had 7 or more rooms per dwelling.

At the end of 1977, the Toronto Census Metropolitan Area had 676 newly completed and unoccupied houses and duplexes; Hamilton had 830. Toronto had 3,330 newly completed and unoccupied row and apartment dwellings and Ottawa had 1,533.

There has been a decrease in the use of coal, coke and wood in Ontario. In 1961, 17.9 per cent of the total occupied dwellings used these fuels, but by 1971 it had decreased to 2.6 per cent. In 1961, 61.8 per cent of total occupied dwellings used oil and other liquid fuels compared with 54.0 per cent of dwellings in 1971. Gas increased in usage from 1961 to 1971 by 151.6 per cent. In 1971, 6.1 per cent of total occupied dwellings used electricity.

With 1971 = 100, the 1978 consumer price index for rent was 132.9, for mortgage interest 215.0 and for dwelling insurance 329.1. In Ontario in 1971 the median value of single-detached, owner-occupied, non-farm dwellings was \$23,768, an increase of 83.5 per cent over the 1961 value. In 1971 in Manitoulin the value was \$9,157; in Toronto the value was \$32,699 and in Peel \$33,861. In Ontario in 1971, the average monthly cash rent for tenant-occupied, non-farm dwellings was \$127, a rise of 67.1 per cent over the 1961 average rent. In 1971 in Manitoulin the average rent was \$64; in Toronto the average was \$149, and in Peel the average was \$157.

In Ontario in 1963 the number of houses on Indian reserves totalled 6,203; by 1977 the number had increased 20.0 per cent to 7,446. Of the 1977 total, 79.7 per cent had electricity; 38.9 per cent had sewer or septic tank facilities; 48.7 per cent had running water; 39.4 per cent had indoor toilet and both facilities.

- **Household Equipment** — In 1967 about 5.1 per cent of Ontario's households had air conditioners. By 1978 this figure had increased to 27.0 per cent of total households.

The proportion of households with one or more cars to the total number of households in Ontario has remained almost constant from 1967 to 1978 at 80.0 per cent.

In 1967, 96.1 per cent of all households had at least one television and 2.7 per cent had colour television. By 1978 the percentage of households with at least one television had remained fairly constant at 97 per cent, but those with colour television had risen to 72.4 per cent.

Definitions

Housing Stock — The sum of all dwelling units in a given area on Census day comprises the housing stock of that area.

Dwelling Unit — This is a structurally separate set of self-contained living premises with a private entrance from outside the building or from a common hall, lobby or stairway inside the building. Such an entrance must be one that can be used without passing through another separate dwelling unit.

Single House/Detached Dwelling — A building containing only one dwelling unit, which is completely separated on all sides from any other dwelling or structure except its own garage or shed is defined as a single detached house.

Single Attached Dwelling – This is a dwelling attached to another structure at ground level but separated from it by a wall extending from ground to roof. There are three classes of single attached dwellings: a single dwelling attached to one other single dwelling (semi-detached or double house); several dwellings attached (row houses); and a dwelling attached to a non-residential structure such as a store, church or school.

Semi-detached or Double House – One of two dwellings located side-by-side in a building, adjoining no other structure and separated by a common or party wall extending from ground to roof is considered a semi-detached house. This is one class of single attached dwellings.

Row House – A unit of this type is a one family dwelling in a row of three or more attached dwellings separated by common or party walls extending from ground to roof. "Townhouses", "garden houses", "maisonettes", etc. are considered row houses. These are one class of single attached dwellings.

Duplex – This is two dwelling units, one above the other (each having a separate entrance), but not attached to any other building. This includes dwellings which were built as single houses, but in which the basement or upper storey has been converted to form a structurally separate set of living quarters with its own entrance.

Apartment – A dwelling unit of this type will be in an apartment building (multi-dwelling structure other than a double house or row house), or a house that has been converted for apartments. This includes dwelling types such as triplexes, quadruplexes, etc., or dwelling(s) in a non-residential building such as a school or over a store.

Apartment or Flat (applicable only to Table 4) – A dwelling of this type includes:

- i) dwelling units in apartment blocks or apartment hotels;
- ii) suites in duplexes or triplexes, i.e., where the division between dwelling units is horizontal;
- iii) suites in structurally converted houses;
- iv) living quarters located above or in the rear of stores, restaurants, garages or other business premises;
- v) janitors' quarters in schools, churches, warehouses, etc; and
- vi) private quarters for employees in hospitals or other types of institutions.

Family – This unit is composed of a group of individuals related by blood, marriage or adoption and sharing a common dwelling unit.

Household – A person or group of persons occupying one dwelling is considered a household. It usually consists of a family group, with or without lodgers or employees. It may consist of a group of unrelated persons, of two or more families sharing a dwelling, or of one person living alone. Every person is a member of some household, and the number of households equals the number of occupied dwellings. A "non-family household" is one whose head is not the head of a family. A non-family household may contain lodging families.

The following note on coverage applies to all tables sourced "Household Facilities and Equipment":

The survey was carried out in conjunction with the Labour Force Survey. Households were chosen by area sampling methods.

The sample for this survey is designed to represent all households in Canada with certain exceptions. Excluded are: households in the Yukon and Northwest Territories, households on Indian reserves, institutional households, military camps, other collective-type households such as those living in hotels, large lodging houses, clubs, logging and construction camps; certain private households living in trailers, in summer cottages, on boats, etc.

The estimates in these tables are based on a sample of households and may differ from the figures that would have been obtained if a complete census had been taken using the same schedules, instructions and interviewers. This difference is called the sampling error of the estimates. It is not the same for all estimates; of two estimates the larger one will likely have a smaller per cent sampling error (the sampling error expressed as a per cent of the estimate it refers to) and of two estimates of the same size, the one referring to a characteristic more evenly distributed across the country will tend to have a smaller per cent sampling variability. Data based on very small samples are not published and are indicated in the tables by (--).

Errors which are not related to sampling may occur at almost every phase of a survey operation. Interviewers may misunderstand instructions, respondents may make errors in answering questions, the answers may be incorrectly entered on the questionnaires and errors may be introduced in the processing and tabulations of the data. All these errors are called non-sampling errors. Some of the non-sampling errors will usually balance out over a large number of observations but systematically occurring errors will contribute to biases. Non-sampling errors can be reduced by a careful design of questionnaires, intensive training and supervision of interviewers and a thorough control of the processing operation. In general, the more personal and more subjective inquiries are subject to larger errors.

The sampling error, as described above, is not known. A quantity, called the *standard deviation*, can however be estimated from sample data itself. The standard deviation of an estimate is a statistical measure of its sampling error. It also partially measures the effect of non-sampling errors, but does not reflect any systematic biases in the data. Estimates with a large standard deviation are not published and are indicated in the tables by (. . .). Total households estimates for Canada and the provinces are obtained from other sources and are considered to have no associated sampling error.

See Statistics Canada Catalogue 64-202 *Household Facilities and Equipment* for more details on reliability of the estimates.

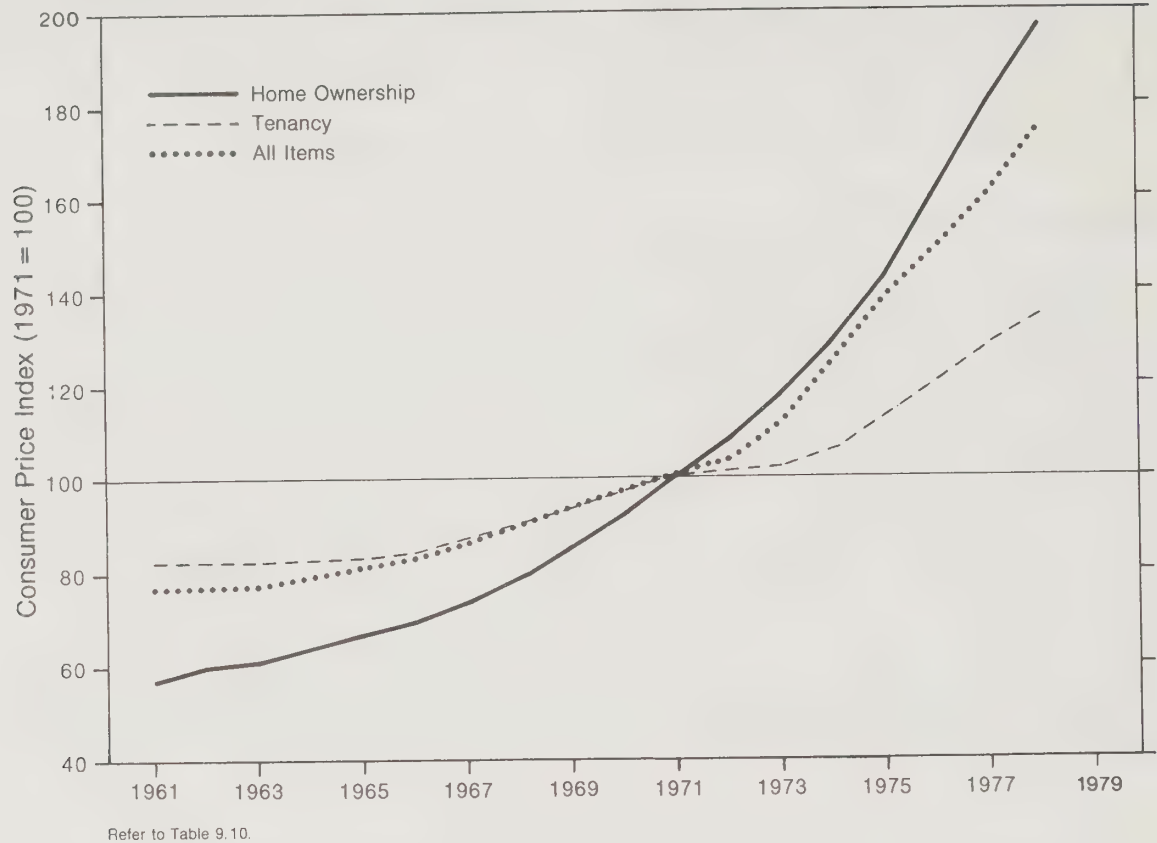
Crowded Household — Such a household has more than one person per room.

Rooms — In determining the number of rooms in a dwelling, only those rooms used or suitable for living purposes, including rooms occupied by servants, lodgers, or members of lodging families are counted. The following are not counted as rooms: bathrooms, pantries, halls, clothes closets and rooms used solely for business purposes. Summer kitchens, sunrooms, rooms in basements or attics are not counted unless they were finished and suitable for living quarters throughout the year. "Kitchenettes" are counted if the normal kitchen functions are carried out therein and if they contain, as a minimum, cooking facilities (such as a stove or range) and a sink or tub.

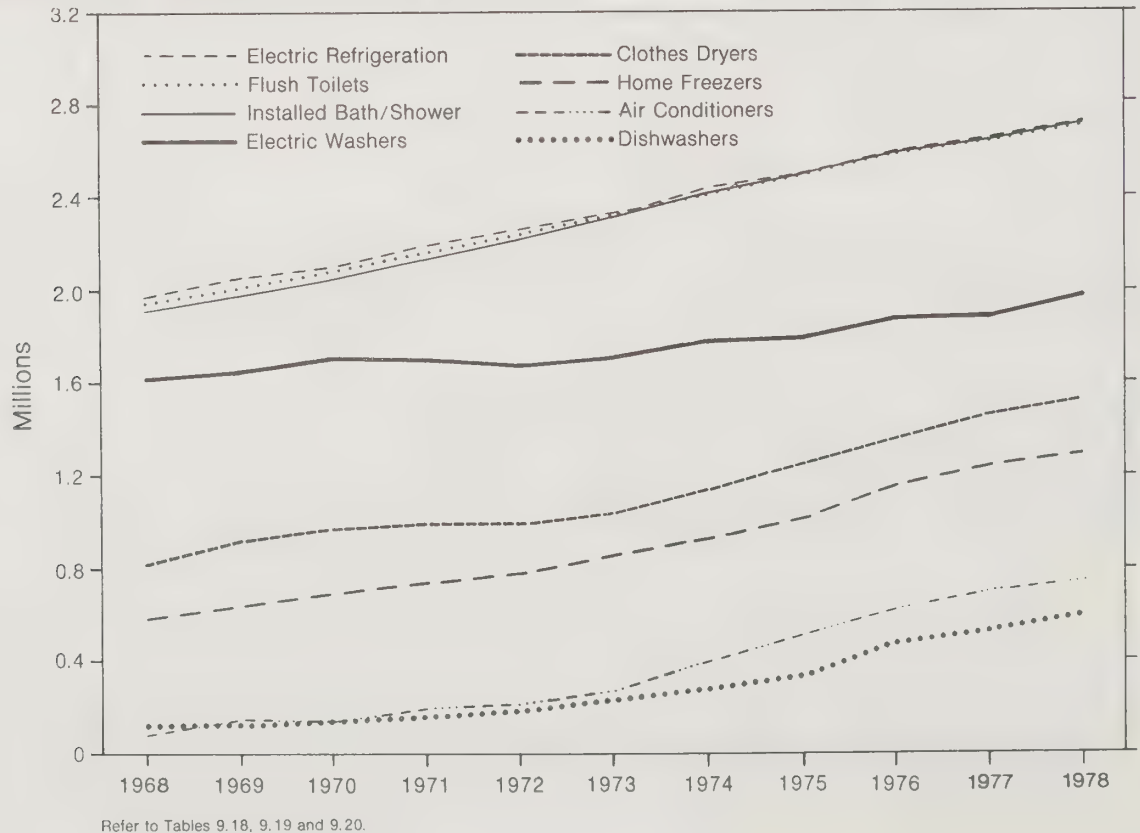
Bedrooms — Included as "bedrooms" are all rooms designed and furnished as bedrooms and used as such, even though the use may be occasional as in the case of a "spare" bedroom. Bed-sitting rooms, or other such rooms used for sleeping and living, are not included. In the case of all one-room dwellings such as bachelor apartments, and of many other small dwellings, no "bedroom" would be reported.

Indian Reserve — Territory, mostly rural and varying in size, that belongs to an Indian band, according to treaties between the federal government and the Indians is considered a reserve. It is excluded from local jurisdiction and administered by the federal Department of Indian Affairs and Northern Development. At the collection stage of the census of population 1971, every reserve with a population of 25 or more was considered a separate enumeration area. Smaller reserves were grouped within a census division.

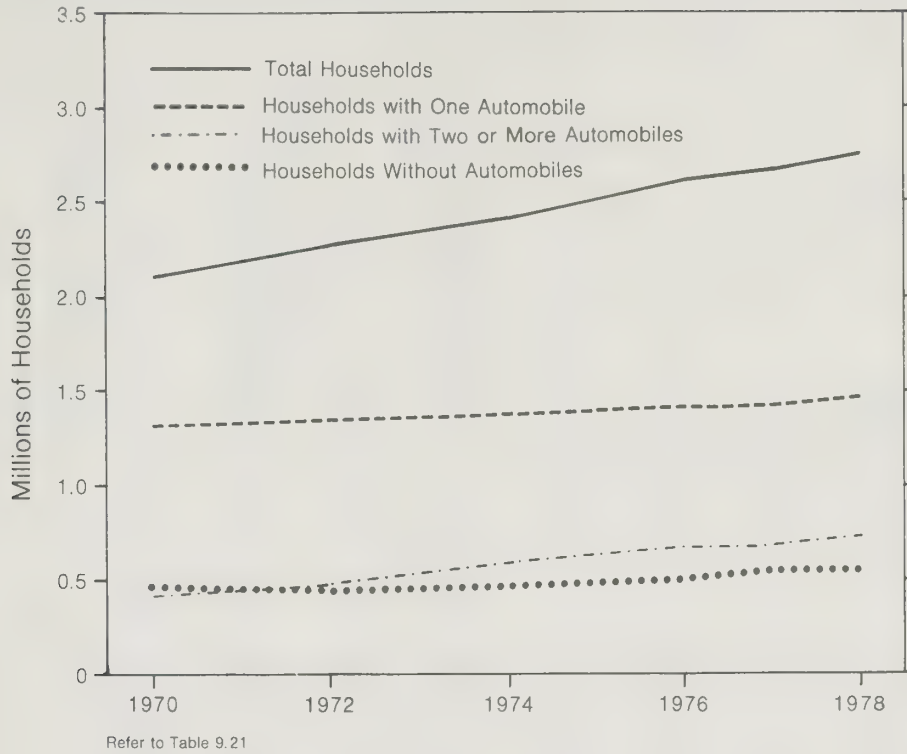
Graph 9.A
Consumer Price Indexes by Selected Housing Components and all Items,
Canada, 1961-1978



Graph 9.B
Households with Selected Facilities and Equipment, Ontario, 1968-1978



Graph 9.C
Automobiles, Ontario, 1970-1978



Graph 9.D
Apartment Vacancy Rates by Census Metropolitan Area, Ontario, 1973-1978

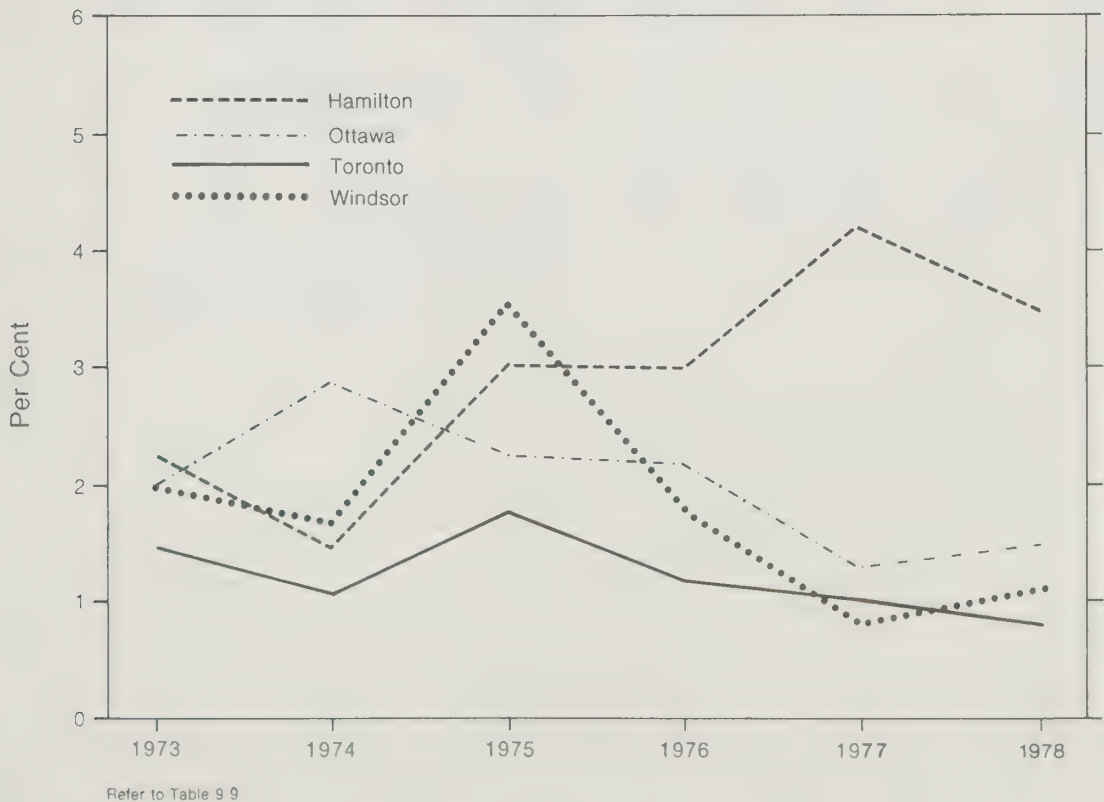


Table 9.1**National Housing Stock, by Province, Canada, Census Years, 1951–1976**

	1951 ^{2f}	1961 ^{2f}	1971 ^{2f}	1976 ²
Canada	3,522,162 ¹	4,744,715	6,324,690	7,550,900
Ontario	1,208,160	1,699,932	2,311,850	2,768,190
Newfoundland	75,884	92,642	116,500	141,010
Prince Edward Island	23,952	25,370	29,410	35,010
Nova Scotia	157,133	183,236	216,575	259,170
New Brunswick	119,411	138,230	164,135	201,115
Québec	883,433	1,244,132	1,691,635	1,992,495
Manitoba	207,912	249,199	304,040	344,930
Saskatchewan	235,470	260,527	288,445	309,590
Alberta	261,479	364,969	492,445	604,090
British Columbia	349,328	478,413	696,245	876,700
Yukon and Northwest Territories	–	8,065	13,405	18,605

1) 1951 excludes Yukon and Northwest Territories.

2) Includes vacancies.

Source: Central Mortgage and Housing Corporation, *Canadian Housing Statistics*.**Table 9.2****Crowding¹, by Province, Canada, Census Years, 1951–1971**

	1951	1961	1971
Canada	641,820 ²	750,942	569,485
Ontario	151,730	194,343	150,715
Newfoundland	23,030	26,254	26,070
Prince Edward Island	3,515	4,080	3,560
Nova Scotia	27,615	31,832	25,635
New Brunswick	24,130	27,836	23,910
Québec	216,955	259,985	199,360
Manitoba	39,675	40,261	26,615
Saskatchewan	50,770	45,967	26,155
Alberta	56,300	61,308	38,445
British Columbia	48,100	55,484	45,135
Yukon and Northwest Territories	..	3,592	3,885

1) Households that have more than one person per room.

2) 1951 excludes Yukon and Northwest Territories.

Source: Central Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 9.3
Size of Household, Canada and Ontario, 1967–1978¹

	Total House- holds ²	Number of persons per household									
		1	2	3	4	5	6	7	8	9	10 +
'000's											
1967											
Canada	5,293	488	1,271	920	983	701	431	227	123	71	79
Ontario	1,939	171	497	350	370	257	149	75	36	18	16
1968											
Canada	5,458	541	1,327	961	982	690	442	225	130	68	93
Ontario	2,003	198	518	366	375	252	144	71	38	19	21
1969											
Canada	5,616	567	1,373	999	1,041	718	435	215	123	68	79
Ontario	2,062	209	509	378	400	266	153	70	38	19	21
1970											
Canada	5,784	597	1,448	1,024	1,096	744	416	214	119	57	69
Ontario	2,140	215	561	380	434	269	143	65	40	17	17
1971											
Canada	5,933	689	1,499	1,066	1,086	724	419	215	113	58	64
Ontario	2,208	251	562	411	416	273	149	76	36	17	17
1972											
Canada	6,111	827	1,536	1,098	1,106	732	401	201	102	56	53
Ontario	2,275	324	593	413	425	261	142	61	33	10	11
1973											
Canada	6,301	880	1,690	1,087	1,154	724	392	183	93	46	54
Ontario	2,354	329	647	417	443	269	141	57	26	11	13
1974											
Canada	6,513	972	1,762	1,126	1,201	729	375	172	87	45	43
Ontario	2,440	364	684	425	464	259	135	63	24	10	12
1975											
Canada	6,721	1,011	1,938	1,201	1,205	719	355	154	70	30	38
Ontario	2,523	383	753	447	457	272	124	47	22	9	9
1976											
Canada	6,949	1,096	1,949	1,195	1,331	772	341	144	69	26	26
Ontario	2,606	409	738	463	498	292	126	49	18	7	6
1977 ^r											
Canada	7,119	1,191	1,990	1,266	1,351	735	343	137	59	24	24
Ontario	2,666	459	754	471	505	279	122	42	20	7	7
1978											
Canada	7,320	1,279	2,071	1,281	1,415	740	320	126	49	21	17
Ontario	2,741	484	764	482	549	288	112	42	12	--	...

1) For 1973–1975, figures are as of April; all other years, figures are as of May.

2) See introductory note of this chapter for an explanation of the coverage.

Source: SC, *Household Facilities and Equipment*.

Table 9.4
Tenure and Type of Dwelling, Canada and Ontario, 1967–1978¹

	Total Households ²	Tenure			Type of Dwelling		
		Owned	Rented for Cash	Rented - Other ³	Single Detached	Single Attached	Apartment or Flat ⁵
				'000's			
1967							
Canada	5,293	3,454	1,769	71	3,415	336	1,542
Ontario	1,939	1,340	574	25	1,314	178	447
1968							
Canada	5,458	3,541	1,847	70	3,490	369	1,599
Ontario	2,003	1,372	609	22	1,340	181	482
1969							
Canada	5,616	3,636	1,900	80	3,564	374	1,679
Ontario	2,062	1,409	625	28	1,364	194	503
1970							
Canada	5,784	3,729	1,973	83	3,686	353	1,746
Ontario	2,140	1,451	660	29	1,434	177	530
1971							
Canada	5,933	3,774	2,069	90	3,719	416	1,798
Ontario	2,208	1,483	699	26	1,461	201	545
1972							
Canada	6,111	3,827	2,194	90	3,804	446	1,861
Ontario	2,275	1,494	752	29	1,469	204	602
1973							
Canada	6,301	3,952	2,278	71	3,836	420	2,045
Ontario	2,354	1,534	797	22	1,470	213	670
1974							
Canada	6,513	4,091	2,339	83	3,966	473	2,074
Ontario	2,440	1,597	818	24	1,516	240	683
1975							
Canada	6,721	4,161	2,472	88	3,994	458	2,269
Ontario	2,523	1,606	879	38	1,505	251	767
1976							
Canada	6,949	4,338	2,610 ⁴		4,053	605	2,290
Ontario	2,606	1,711	896 ⁴		1,556	287	763
1977 ¹							
Canada	7,119	4,576	2,542 ⁴		4,217	558	2,344
Ontario	2,666	1,758	908 ⁴		1,577	270	820
1978							
Canada	7,320	4,627	2,693 ⁴		4,273	618	2,429
Ontario	2,741	1,797	944 ⁴		1,590	342	809

1) For 1973–1975, figures are as of April; all other years, figures are as of May.
2) See introductory note of this chapter for an explanation of the coverage.
3) Includes dwelling: (a) occupied rent-free or under share-cropping-agreements; (b) for which rent was paid in kind or in services; (c) for which rent also includes rent for business premises.
4) In 1976 to 1978, data available only in combined form.
5) See introductory note of this chapter for definition of "Apartment or Flat".

Source: SC, *Household Facilities and Equipment*.

Table 9.5
Room and Bedrooms per Dwelling, Canada and Ontario, 1967–1978¹

		Number of rooms per dwelling								
		1	2	3	4	5	6	7	8	9 +
Total Households ²										
		'000's								
1967										
Canada	5,293	50	112	453	940	1,363	1,169	587	339	279
Ontario	1,939	11	26	156	281	458	535	248	126	98
1968										
Canada	5,458	57	140	471	944	1,379	1,189	629	362	287
Ontario	2,003	12	34	156	295	463	543	261	141	97
1969										
Canada	5,616	51	139	458	973	1,438	1,219	658	361	319
Ontario	2,062	11	40	146	291	476	560	281	143	114
1970										
Canada	5,784	71	136	491	1,024	1,443	1,250	668	398	303
Ontario	2,140	17	37	168	319	485	565	285	155	109
1971										
Canada	5,933	63	143	557	1,069	1,464	1,255	698	394	290
Ontario	2,208	16	40	186	331	514	572	293	154	103
1972										
Canada	6,111	68	154	573	1,081	1,530	1,282	703	404	317
Ontario	2,275	16	50	195	347	528	566	299	156	118
1973										
Canada	6,301	85	169	624	1,127	1,526	1,284	733	405	349
Ontario	2,354	16	48	235	354	513	586	319	159	125
1974										
Canada	6,513	94	169	627	1,106	1,557	1,357	775	466	363
Ontario	2,440	26	49	218	354	532	614	330	182	133
1975										
Canada	6,721	93	177	667	1,169	1,633	1,361	787	473	362
Ontario	2,523	20	61	242	370	564	617	339	186	123
1976										
Canada	6,949	85	186	658	1,180	1,680	1,393	839	499	429
Ontario	2,606	20	54	209	383	583	610	363	218	165
1977 ¹										
Canada	7,119	92	187	684	1,159	1,686	1,428	869	539	475
Ontario	2,666	25	57	255	382	550	626	360	233	178
1978										
Canada	7,320	110	197	661	1,218	1,690	1,490	907	554	492
Ontario	2,741	33	62	230	424	530	658	408	225	170

Table 9.5 (cont'd)Rooms and Bedrooms per Dwelling, Canada and Ontario, 1967–1978¹

		Number of bedrooms per dwelling						
	Total Households ²	None ³	1	2	3	4	5	6 +
	'000's							
1967								
Canada	5,293	94	634	1,506	2,073	712	202	72
Ontario	1,939	26	220	515	833	270	57	19
1968								
Canada	5,458	93	678	1,516	2,147	748	212	65
Ontario	2,003	27	228	538	872	263	58	17
1969								
Canada	5,616	92	681	1,568	2,232	755	216	73
Ontario	2,062	29	233	532	901	283	62	21
1970								
Canada	5,784	109	719	1,594	2,294	790	209	69
Ontario	2,140	33	263	535	939	295	56	21
1971								
Canada	5,933	121	776	1,615	2,318	815	222	65
Ontario	2,208	41	265	561	964	300	57	19
1972								
Canada	6,111	143	817	1,626	2,382	841	228	75
Ontario	2,275	42	304	571	967	307	62	22
1973								
Canada	6,301	161	866	1,690	2,446	830	230	78
Ontario	2,354	42	322	600	999	305	61	24
1974								
Canada	6,513	173	884	1,668	2,584	887	232	85
Ontario	2,440	59	315	611	1,049	312	65	28
1975								
Canada	6,721	161	943	1,806	2,611	890	240	70
Ontario	2,523	51	349	655	1,061	322	66	17
1976								
Canada	6,949	159	962	1,817	2,727	970	241	72
Ontario	2,602	48	335	669	1,083	377	70	25
1977 ¹								
Canada	7,119	169	1,014	1,788	2,858	976	241	73
Ontario	2,666	60	383	659	1,094	376	69	27
1978								
Canada	7,320	181	1,039	1,862	2,928	1,003	235	71
Ontario	2,741	69	368	686	1,155	384	61	17

1) For 1973–1975, figures are as of April; all other years, figures are as of May.

2) See introductory note of this chapter for an explanation of the coverage.

3) See introductory note of this chapter for a definition of "Bedrooms".

Source: SC, *Household Facilities and Equipment*.

	1961				Crowded
	1-3 rooms	4-5 rooms	6+ rooms	Average number of rooms per dwelling	
Ontario	184,280	642,404	814,066	5.5	194,343
Algoma	4,532	13,896	8,298	4.9	6,387
Brant	1,936	9,648	11,631	5.6	2,207
Bruce	635	3,089	8,348	6.4	1,011
Cochrane	3,946	11,730	6,373	4.8	6,142
Dufferin	141	1,257	3,127	6.4	294
Dundas	164	1,276	2,999	6.3	495
Durham	435	4,198	6,188	6.0	996
Elgin	1,054	5,970	10,184	6.1	1,304
Essex	5,862	31,979	33,072	5.5	7,872
Frontenac	2,799	9,035	9,983	5.5	2,760
Glengarry	165	1,545	2,846	6.3	823
Grenville	308	2,121	3,673	6.0	710
Grey	1,061	5,404	11,480	6.2	1,242
Haldimand	309	2,303	5,040	6.5	674
Haliburton	182	1,323	874	5.2	330
Halton	1,290	11,493	14,728	5.8	2,416
Hastings	2,309	10,180	12,021	5.7	3,168
Huron	517	3,671	10,486	6.5	817
Kenora	3,320	6,432	2,543	4.4	3,540
Kent	1,843	8,595	14,695	5.9	2,190
Lambton	1,738	11,827	13,894	5.7	2,880
Lanark	722	3,523	6,319	6.0	1,045
Leeds	888	4,362	7,232	6.0	1,198
Lennox-Addington	454	2,014	3,813	6.3	611
Manitoulin	434	919	1,411	5.6	596
Middlesex	6,984	25,619	28,681	5.5	5,737
Muskoka ¹	821	3,343	3,317	5.4	989
Niagara ²	5,370	36,372	36,725	5.5	8,486
Nipissing	2,175	7,952	6,043	5.1	3,789
Norfolk	1,126	4,996	7,959	6.0	1,282
Northumberland	585	3,924	6,911	6.2	1,045
Ontario	2,649	16,911	16,236	5.5	4,086
Ottawa-Carleton ³	12,619	33,710	44,554	5.4	10,488
Oxford	1,002	6,934	11,474	6.1	1,363
Parry Sound	855	3,451	3,392	5.3	1,268
Peel	1,570	10,583	16,465	5.8	2,712
Perth	633	4,436	10,881	6.3	1,060
Peterborough	1,323	8,736	10,166	5.7	2,231
Prescott	402	2,014	3,707	6.1	1,209
Prince Edward	239	1,827	3,646	6.5	450
Rainy River	1,232	3,457	1,843	4.8	1,547
Renfrew	1,743	8,964	10,602	5.6	3,710
Russell	270	1,626	2,523	5.9	1,077
Simcoe	2,708	15,247	18,605	5.7	4,122
Stormont	1,267	7,034	5,885	5.4	2,586
Sudbury	7,865	21,798	8,732	4.7	11,068
Thunder Bay	5,636	19,473	9,518	4.8	6,771
Timiskaming	2,256	6,914	3,669	4.8	2,726
Toronto ⁴	...	...	...	...	...
Victoria	534	2,655	5,429	6.1	678
Waterloo	5,019	20,198	22,206	5.5	4,419
Wellington	1,559	8,769	12,231	5.8	2,224
Wentworth	10,424	41,711	43,653	5.4	10,280
York ⁵	66,225	145,960	247,479	5.5	45,232

1) District Municipality, comprising the former Territorial District of Muskoka as well as part of the Unorganized Township of Finlayson in the Territorial District of Nipissing.

2) Regional Municipality, comprising the former county of Lincoln and Welland.

3) Regional Municipality, comprising the former county of Carleton as well as Cumberland Township in Russell County.

Table 9.6 (cont'd)

Occupied Dwellings by Number of Rooms, by County, Ontario, 1961 and 1971

	1971				Crowded
	1-3 rooms	4-5 rooms	6+ rooms	Average number of rooms per dwelling	
Ontario	292,055	790,185	1,143,255	5.6	150,715
Algoma	3,650	15,245	12,655	5.3	4,135
Brant	2,490	10,645	15,095	5.8	1,715
Bruce	860	4,345	8,975	6.2	865
Cochrane	3,845	12,405	8,285	5.0	4,200
Dufferin	435	1,855	3,820	6.0	310
Dundas	265	1,645	3,130	6.1	400
Durham	650	4,815	7,825	6.0	925
Elgin	1,325	6,165	12,110	6.1	885
Essex	9,125	320,085	46,800	5.7	5,945
Frontenac	3,990	11,105	14,225	5.6	1,890
Glengarry	335	1,905	2,725	6.0	575
Grenville	425	2,520	4,215	6.0	510
Grey	1,540	6,495	12,390	6.0	1,060
Haldimand	480	2,860	5,920	6.3	580
Haliburton	230	1,450	1,190	5.3	270
Halton	3,500	15,690	32,590	6.1	2,325
Hastings	2,455	10,970	15,025	5.8	2,065
Huron	765	4,095	10,805	6.4	735
Kenora	2,805	7,050	3,900	4.7	2,885
Kent	1,945	9,650	18,020	6.0	1,595
Lambton	2,585	11,650	18,835	5.9	1,905
Lanark	1,025	4,285	6,855	5.9	765
Leeds	1,150	5,235	8,475	5.9	915
Lennox-Addington	510	2,830	4,565	6.0	650
Manitoulin	430	1,030	1,490	5.6	495
Middlesex	10,900	29,305	45,095	5.7	3,725
Muskoka ¹	995	4,425	4,375	5.5	765
Niagara ²	8,000	39,590	53,300	5.7	5,900
Nipissing	2,270	9,060	8,945	5.4	2,690
Norfolk	965	5,550	9,555	6.2	880
Northumberland	1,005	4,880	8,215	6.0	845
Ontario	3,715	20,935	29,435	5.8	3,575
Ottawa-Carleton ³	22,835	42,710	71,415	5.6	7,345
Oxford	1,360	7,590	14,360	6.2	1,065
Parry Sound	1,020	4,135	3,910	5.3	970
Peel	6,050	20,985	42,760	6.0	3,375
Perth	1,285	5,340	11,930	6.2	825
Peterborough	2,200	10,060	13,500	5.7	1,670
Prescott	565	3,020	3,545	5.7	945
Prince Edward	345	1,880	3,850	6.3	360
Rainy River	920	3,730	2,285	5.0	1,015
Renfrew	2,025	9,920	12,155	5.6	2,560
Russell	260	1,730	1,915	5.7	595
Simcoe	115	1,310	1,710	5.8	3,445
Stormont	1,375	7,855	7,505	5.5	1,700
Sudbury	7,605	25,455	16,655	5.1	8,515
Thunder Bay	5,715	20,320	14,880	5.2	4,225
Timiskaming	1,875	6,715	4,475	5.1	1,695
Toronto ⁴	126,080	195,950	307,240	5.5	37,460
Victoria	725	3,895	6,000	5.9	610
Waterloo	8,835	27,360	37,425	5.7	4,190
Wellington	2,655	11,470	17,160	5.8	1,830
Wentworth	17,595	45,165	56,910	5.4	6,875
York ⁵	2,360	13,750	28,610	6.2	2,490

4) Metropolitan Municipality, comprising that part of former York County previously known as "Toronto Metropolitan Corporation".

5) Regional Municipality, comprising that part of the former York County outside the old "Toronto Metropolitan Corporation".

Source: SC, *Housing, Rooms Per Dwelling*.*Summary Housing Characteristics (100 p.c. data).*

Table 9.7
Newly Completed and Unoccupied Dwellings¹, by Census Metropolitan Area², Ontario, Quarterly, 1975-1978

	1975				1976				1977				1978			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Houses and Duplexes																
Hamilton	642	514	420	495	454	382	476	572	593	617	679	658	625	696	821	830
Kitchener	143	99	69	79	92	239	205	269	392	364	385	419	439	391	386	358
London	214	199	193	119	99	52	168	172	164	171	87	196	182	136	185	280
Ottawa, city of	237	169	62	105	148	229	170	218	123	202	142	300	284	567	427	328
St. Catharines-Niagara	349	364	304	273	317	473	592	596	497	424	444	469	460	435	495	525
Sudbury	4	6	9	16	5	7	68	74	62	38	25	94	74	51	32	79
Thunder Bay	25	25	-	5	4	16	18	85	53	39	23	13	13	16	15	21
Toronto	795	627	542	509	489	444	513	536	461	536	767	1,223	1,167	992	813	676
Windsor	12	12	11	6	16	1	42	87	85	45	36	27	14	24	24	23
Row and Apartments³																
Hamilton	677	486	534	278	363	713	588	937	1,124	1,227	1,119	618	666	858	884	563
Kitchener	717	449	181	285	173	85	117	132	240	237	171	409	428	376	470	195
London	147	155	77	44	56	42	35	47	190	250	111	317	259	355	258	439
Ottawa, city of	1,651	1,479	1,115	1,322	502	573	657	740	564	568	405	835	936	1,348	677	1,533
St. Catharines-Niagara	123	165	85	161	122	50	27	90	123	132	98	88	83	101	24	86
Sudbury	30	-	-	-	-	-	-	-	-	-	-	-	3	99	126	111
Thunder Bay	-	-	-	-	-	-	18	18	43	68	17	134	159	77	3	-
Toronto	4,803	3,166	2,328	2,038	2,660	3,733	2,997	2,692	2,492	2,282	2,364	2,582	2,588	3,731	4,714	3,330
Windsor	-	-	-	-	-	3	9	41	-	-	-	48	53	50	-	-

1) As at the end of period shown.

2) Data for 1974-1976 on 1971 Census Area definitions. Subsequent data are on 1976 Census Area definitions.

3) Dwelling units completed and unoccupied for six months or less.

Source: Central Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 9.8

Privately Initiated Apartment Completions by Size of Structure, by Census Metropolitan Area¹, Ontario, 1976-1978

	Hamilton	Kitchener	London	Ottawa, city of	St. Catharines- Niagara	Sudbury	Thunder Bay	Toronto	Windsor
1976									
Number of Structures									
Under 6	3	1	-	3	1	1	-	12	3
6-19	1	3	1	3	2	-	2	14	3
20-49	1	1	3	3	5	-	1	4	4
50-199	7	6	-	4	1	1	-	15	5
200 +	2	-	-	-	-	-	-	13	-
Total	14	11	4	13	9	2	3	58	15
Dwelling Units									
Under 6	5	3	-	7	4	5	-	31	12
6-19	7	35	16	33	28	-	12	141	40
20-49	48	36	78	90	172	-	22	152	141
50-199	1,179	585	-	465	106	99	-	2,359	411
200 +	518	-	-	-	-	-	-	4,153	-
Total	1,757	659	94	595	310	104	34	6,836	604
1977									
Number of Structures									
Under 6	2	3	-	-	1	-	3	20	-
6-19	-	-	-	1	2	-	4	7	4
20-49	-	4	4	3	5	-	1	2	4
50-199	5	3	9	4	3	1	3	7	1
200 +	2	1	2	1	-	-	-	7	-
Total	9	11	15	9	11	1	11	43	9
Dwelling Units									
Under 6	6	7	-	-	4	-	10	51	-
6-19	-	-	-	14	17	-	58	71	37
20-49	-	132	123	109	172	-	49	57	123
50-199	813	194	881	328	274	79	282	746	56
200 +	496	221	444	347	-	-	-	2,171	-
Total	1,315	554	1,448	798	467	79	399	3,096	216
1978									
Number of Structures									
Under 6	-	2	-	1	2	-	3	12	1
6-19	-	2	-	2	3	-	5	9	7
20-49	2	7	4	-	3	-	2	8	4
50-199	4	4	11	5	3	1	2	21	4
200 +	-	1	1	5	-	-	-	9	-
Total	6	16	16	13	11	1	12	59	16
Dwelling Units									
Under 6	-	7	-	4	7	-	12	35	2
6-19	-	22	-	27	33	-	47	107	78
20-49	72	292	102	-	98	-	75	304	144
50-199	477	360	1,109	614	223	145	125	2,032	492
200 +	-	200	246	1,424	-	-	-	2,816	-
Total	549	881	1,457	2,069	361	145	259	5,294	716

1) Data for 1975 and 1976 are on 1971 Census Area definitions. Subsequent data on 1976 Census Area definitions.

Source: Central Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 9.9
Apartment Vacancy Rates¹, by Census Metropolitan Area², Ontario, 1974–1978³

	1974	1975	1976	1977	April 1978	October 1978
Hamilton	1.5	3.0	3.0	4.2	4.2	3.5
Kitchener	2.5	2.3	2.4	2.6	2.8	2.6
London	2.2	2.4	1.5	1.8	2.0	2.3
Ottawa, city of	2.9	2.3	2.2	1.3	1.4	1.5
St. Catharines- Niagara	3.9	2.9	1.3	1.1	1.7	1.4
Sudbury	5.1	1.2	1.5	1.2	3.7	7.0
Thunder Bay	0.5	0.5	0.2	0.3	1.2	1.4
Toronto	1.1	1.8	1.2	1.0	0.9	0.8
Windsor	1.7	3.6	1.8	0.8	0.9	1.1

1) Refers to privately initiated Apartment Structures of six units and over only.

2) Data for 1974–1976 on 1971 Census Area definitions. Subsequent data on 1976 Census Area definitions.

3) Data for 1974 relate to the month of December; subsequent data relate to the month of October.

Source: Central Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 9.10
Consumer Price Indexes¹ by Selected Housing Components and All Items, Canada, 1961–1978

	Shelter								Household Operations		
	Tenancy				Home-Ownership				Fuel And Utilities ²	Housing	All Items
	Rent	Total	Property Taxes	Mortgage Interest	Owner Repairs	Deprecia- tion on Dwellings	Dwelling Insurance	Total			
1961	82.4	81.6	63.1	50.4	63.4	57.5	50.7	57.4	84.6	73.1	75.0
1962	82.6	81.9	65.6	52.2	63.6	59.0	51.4	59.0	84.0	74.0	75.9
1963	82.9	82.1	67.1	54.3	65.0	61.0	52.8	60.8	83.2	74.8	77.2
1964	83.2	82.6	69.3	55.9	67.7	64.5	56.1	63.3	81.9	76.0	78.6
1965	83.7	83.2	71.8	57.8	70.7	67.6	59.4	66.0	81.6	77.3	80.5
1966	85.1	84.6	75.2	60.3	73.4	70.7	63.6	68.9	81.6	79.5	83.5
1967	87.9	87.4	78.2	63.2	77.9	75.7	67.3	72.8	84.6	82.9	86.5
1968	91.7	91.3	83.4	68.8	82.7	81.0	72.3	78.1	88.0	86.7	90.0
1969	95.3	94.9	90.7	78.6	86.0	87.2	77.3	85.1	90.1	91.2	94.1
1970	98.4	98.2	97.3	89.1	93.6	92.9	81.6	92.5	94.3	95.7	97.2
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972	101.2	101.5	101.6	108.7	107.6	110.6	124.3	108.0	103.9	104.7	104.8
1973	102.6	103.2	103.5	120.9	118.3	125.1	154.7	118.8	114.0	111.4	112.7
1974	105.4	106.2	104.0	136.7	136.6	138.4	175.7	130.3	129.6	121.1	125.0
1975	111.1	112.0	111.2	156.8	146.4	146.2	212.5	143.6	146.6	133.2	138.5
1976	118.9	120.0	125.7	179.1	163.6	164.2	266.1	163.4	173.1	148.0	148.9
1977	126.3	127.6	141.1	198.8	178.8 ¹	179.3	305.6	181.2	199.3	161.9	160.8
1978	132.9	134.4	153.9	215.0	193.2	193.0	329.1	196.1	223.8	174.1	175.2

1) For further information see Statistics Canada, *Prices and Price Indexes*, Catalogue 62–010.

2) Previously Fuel and Electricity, until December, 1972.

Source: Central Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 9.11
Value or Rent of Occupied Dwellings, by County, Ontario, 1961 and 1971

	1961		1971	
	Owned Median Value ⁶	Rented Average Monthly Cash Rent ⁷	Owned Median Value ⁶	Rented Average Monthly Cash Rent ⁷
\$				
Ontario	12,952	76	23,768	127
Algoma	11,236	67	15,750	100
Brant	10,626	58	19,112	106
Bruce	6,541	35	13,689	85
Cochrane	7,319	46	12,701	83
Dufferin	9,522	49	22,097	104
Dundas	8,902	42	13,367	90
Durham	10,523	52	21,503	98
Elgin	9,275	48	15,888	91
Essex	10,201	54	21,995	120
Frontenac	12,991	73	23,469	123
Glengarry	6,230	35	10,771	68
Grenville	9,584	50	15,430	82
Grey	8,586	45	16,120	82
Haldimand	9,242	43	19,345	87
Haliburton	6,645	42	14,608	68
Halton	15,735	85	29,894	150
Hastings	9,271	56	16,371	100
Huron	7,290	45	13,078	77
Kenora	6,186	48	11,057	80
Kent	8,974	47	15,466	88
Lambton	10,838	61	19,000	110
Lanark	8,918	48	15,678	83
Leeds	10,417	57	16,730	91
Lennox - Addington	8,516	44	17,432	95
Manitoulin	4,775	35	9,157	64
Middlesex	12,414	74	21,063	121
Muskoka ¹	7,287	44	16,858	95
Niagara ²	22,475	116	20,332	106
Nipissing	10,426	66	16,120	104
Norfolk	9,369	44	18,240	86
Northumberland	8,986	48	17,703	89
Ontario	12,341	68	25,564	128
Ottawa - Carleton ³	17,047	90	27,377	143
Oxford	10,148	50	18,701	92
Parry Sound	6,497	39	12,616	77
Peel	16,723	84	33,861	157
Perth	9,194	51	15,791	95
Peterborough	10,659	59	19,264	109
Prescott	7,456	39	12,530	83
Prince Edward	7,300	47	14,516	73
Rainy River	6,687	50	10,011	83
Renfrew	7,896	56	13,149	102
Russell	6,493	38	11,911	79
Simcoe	9,406	57	19,401	106
Stormont	10,874	51	15,031	85
Sudbury	11,264	59	20,549	114
Thunder Bay	8,992	56	14,931	92
Timiskaming	5,053	41	9,696	72
Toronto ⁴	..	..	32,699	149
Victoria	8,071	42	16,501	89
Waterloo	12,143	60	23,742	119
Wellington	10,804	56	22,305	113
Wentworth	13,821	72	23,980	117
York ⁵	17,223	101	30,400	134

1) District Municipality, comprising the former Territorial District of Muskoka as well as part of the Unorganized Township of Finlayson in the Territorial District of Nipissing.

2) Regional Municipality, comprising the former county of Lincoln and Welland.

3) Regional Municipality, comprising the former county of Carleton as well as Cumberland Township in Russell County.

4) Metropolitan Municipality, comprising that part of former York County previously known as "Toronto Metropolitan Corp.".

5) Regional Municipality, comprising that part of the former York County outside the old "Toronto Metropolitan Corp.".

6) Applies to single-detached owner-occupied non-farm dwellings only.

7) Applies to tenant-occupied non-farm dwellings only.

Source: SC, *Housing, Values and Rents. Summary of Housing Characteristics (Sample data).*

Table 9.12

Occupied Dwellings by Principal Heating Fuel Used, by County, Canada and Ontario, 1961 and 1971

	1961			
	Coal, Coke and Wood	Oil or Other Liquid Fuel	Gas	Other ⁶
Canada	1,070,895	2,565,416	857,953	60,229
Ontario	293,635	1,014,153	327,938	5,024
Algoma	4,110	21,839	698	..
Brant	4,467	14,033	4,770	..
Bruce	5,896	6,012	..	..
Cochrane	6,057	8,642	7,057	222
Dufferin	1,911	2,613	..	..
Dundas	1,559	2,906	..	..
Durham	3,042	7,027	733	..
Elgin	4,229	9,505	3,508	..
Essex	6,324	19,475	44,872	242
Frontenac	4,440	16,165	1,152	..
Glengarry	1,953	2,579	..	..
Grenville	1,723	4,072	312	..
Grey	8,859	7,967	1,119	..
Haldimand	1,232	1,984	4,426	..
Haliburton	1,105	1,343	..	..
Halton	2,472	19,754	5,197	..
Hastings	5,866	16,715	1,765	152
Huron	5,751	7,988	926	121
Kenora	4,564	6,134	1,617	..
Kent	3,156	3,768	18,036	173
Lambton	4,400	7,196	15,809	130
Lanark	3,668	6,173	627	..
Leeds	4,115	7,200	1,081	..
Lennox-Addington	2,316	3,645	274	..
Manitoulin	1,665	1,069	..	..
Middlesex	7,945	25,715	27,409	215
Muskoka ¹	2,891	3,953	554	..
Niagara ²	7,777	38,874	31,786	..
Nipissing	3,155	9,765	3,170	..
Norfolk	2,250	7,735	4,052	..
Northumberland	3,359	7,516	433	118
Ontario	5,374	26,453	3,857	112
Ottawa-Carleton ³	8,903	78,069	3,751	160
Oxford	4,695	10,946	3,760	..
Parry Sound	3,668	4,024	..	..
Peel	2,690	20,159	5,702	..
Perth	5,561	8,752	1,597	135
Peterborough	4,290	14,485	1,412	..
Prescott	2,360	3,573	135	..
Prince Edward	1,344	4,392	..	..
Rainy River	2,286	4,176	126	..
Renfrew	8,131	12,673	490	..
Russell	1,755	2,703	..	..
Simcoe	8,018	25,099	3,303	140
Stormont	2,017	11,267	876	..
Sudbury	6,151	29,357	2,643	244
Thunder Bay	5,777	21,733	6,926	191
Timiskaming	4,221	5,560	2,964	..
Toronto ⁴	...	...	...	...
Victoria	3,335	4,518	685	..
Waterloo	9,644	32,360	5,338	..
Wellington	6,769	13,092	2,664	..
Wentworth	15,442	66,721	13,393	232
York ⁵	58,796	314,679	85,358	831

1) District Municipality, comprising the former Territorial District of Muskoka as well as part of the Unorganized Township of Finlayson in the Territorial District of Nipissing.

2) Regional Municipality, comprising the former county of Lincoln and Welland.

3) Regional Municipality, comprising the former county of Carleton as well as Cumberland Township in Russell County.

Table 9.12 (cont'd)

Occupied Dwellings by Principal Heating Fuel Used, by County, Canada and Ontario, 1961 and 1971

	1971				
	Coal, Coke and Wood	Oil or Other Liquid Fuel	Gas	Electricity	Other
Canada	278,670	3,441,220	1,935,560	352,705	22,640
Ontario	56,795	1,201,140	825,150	134,870	7,255
Algoma	1,030	25,015	3,415	1,970	95
Brant	600	14,140	12,075	1,355	60
Bruce	1,855	9,600	720	1,970	35
Cochrane	1,235	6,745	14,935	1,545	75
Dufferin	370	4,005	1,205	520	10
Dundas	340	4,285	180	225	10
Durham	575	9,675	1,890	1,135	10
Elgin	785	10,045	7,665	1,010	80
Essex	950	14,215	65,160	7,330	270
Frontenac	1,310	21,300	4,070	2,790	135
Glengarry	430	3,985	155	395	10
Grenville	440	5,045	1,245	435	5
Grey	2,570	10,570	5,445	1,755	35
Haldimand	380	2,105	6,555	200	15
Haliburton	385	2,140	95	230	5
Halton	365	27,090	21,260	2,865	140
Hastings	1,750	18,805	5,755	2,105	70
Huron	1,445	10,325	2,810	1,065	10
Kenora	2,085	6,440	4,555	665	10
Kent	535	4,175	23,455	1,325	105
Lambton	910	7,750	22,085	2,210	105
Lanark	1,010	8,025	2,190	920	15
Leeds	920	9,635	2,975	1,330	25
Lennox-Addington	575	5,285	1,445	560	10
Manitoulin	660	2,020	15	255	..
Middlesex	1,345	26,345	52,745	4,315	575
Muskoka ¹	955	5,635	1,735	1,460	20
Niagara ²	745	33,530	63,330	2,985	255
Nipissing	760	10,495	7,200	1,730	55
Norfolk	510	6,350	8,660	535	25
Northumberland	715	10,585	1,535	1,185	25
Ontario	890	34,935	12,610	5,245	345
Ottawa-Carleton ³	780	110,315	18,120	7,375	620
Oxford	805	12,130	9,300	1,050	30
Parry Sound	1,565	6,190	275	1,060	15
Peel	360	26,115	36,795	6,320	195
Perth	1,120	10,870	5,200	1,285	65
Peterborough	850	18,565	3,980	2,280	55
Prescott	450	5,745	315	590	25
Prince Edward	335	5,235	260	235	5
Rainy River	570	4,200	1,450	685	20
Renfrew	2,680	18,400	1,760	1,260	55
Russell	225	3,285	25	365	10
Simcoe	1,665	30,665	11,065	5,390	50
Stormont	315	12,590	340	750	55
Sudbury	905	35,530	9,235	3,875	195
Thunder Bay	1,170	16,545	21,255	1,845	120
Timiskaming	950	5,060	6,185	825	35
Toronto ⁴	6,395	348,175	242,875	29,550	2,180
Victoria	845	6,815	1,725	1,225	15
Waterloo	1,395	41,385	25,140	5,440	285
Wellington	1,125	17,165	10,380	2,550	60
Wentworth	2,470	66,755	46,160	3,810	455
York ⁵	615	29,120	11,440	3,475	70

4) Metropolitan Municipality, comprising that part of former York County previously known as "Toronto Metropolitan Corporation".

5) Regional Municipality, comprising that part of the former York County outside the old "Toronto Metropolitan Corporation".

6) Includes electricity, sawdust, etc.

Source: SC, *Housing, Principal Fuels and Heating Equipment*.

Table 9.13
Occupied Dwellings by Water Supply and Bath Facilities, by County, Canada and Ontario,
Census Years, 1951-1971

	1951			1961		
	Hot and Cold Running Water	Bath or Shower	Flush Toilet	Hot and Cold Running Water	Bath or Shower	Flush Toilet
Canada	1,939,770	2,072,975	2,328,855	3,650,115	3,659,520	3,880,512
Ontario	811,145	860,365	902,850	1,462,170	1,461,786	1,493,640
Algoma	9,120	8,610	9,610	22,409	21,885	22,976
Brant	13,680	15,165	16,075	21,040	21,057	21,569
Bruce	5,065	5,565	6,023	8,648	8,891	9,398
Cochrane	11,565	11,460	13,370	17,485	16,575	18,352
Dufferin	1,730	1,765	1,850	3,447	3,421	3,512
Dundas	1,450	1,395	1,560	2,747	2,736	2,802
Durham	4,180	4,380	4,650	8,629	8,696	8,784
Elgin	9,920	10,360	10,775	14,781	14,782	15,076
Essex	46,280	47,905	50,145	67,052	67,281	68,528
Frontenac	10,055	10,425	11,180	18,480	18,318	18,668
Glengarry	915	985	1,205	2,276	2,364	2,793
Grenville	1,965	2,015	2,260	4,305	4,265	4,479
Grey	7,635	8,580	9,295	13,551	13,730	14,411
Haldimand	3,180	3,250	3,290	5,907	5,864	5,929
Haliburton	455	390	410	1,362	1,419	1,546
Halton	8,415	8,950	9,260	26,313	26,297	26,484
Hastings	9,470	10,110	10,900	18,050	17,951	18,641
Huron	7,010	7,395	7,900	11,877	11,842	12,290
Kenora	3,450	3,435	3,510	6,867	6,719	6,671
Kent	14,370	14,280	15,375	21,912	21,590	22,404
Lambton	13,420	13,760	14,495	24,430	24,342	24,849
Lanark	5,340	5,500	5,950	7,637	7,722	7,970
Leeds	5,135	5,405	5,830	9,086	9,046	9,334
Lennox - Addington	1,440	1,610	1,685	3,436	3,364	3,458
Manitoulin	595	535	550	1,278	1,268	1,325
Middlesex	32,645	35,040	36,415	57,123	57,488	58,213
Muskoka ¹	3,410	3,345	3,580	5,370	5,394	5,716
Niagara ²	44,615	46,555	48,060	73,994	74,492	75,234
Nipissing	5,205	5,485	6,395	12,470	12,342	13,375
Norfolk	5,885	6,245	6,485	11,212	11,040	11,169
Northumberland	4,380	4,530	4,905	8,295	8,260	8,506
Ontario	13,730	14,720	15,240	31,712	31,842	32,278
Ottawa - Carleton ³	44,425	48,815	51,775	86,670	87,116	88,489
Oxford	11,120	11,660	12,195	17,538	17,472	17,781
Parry Sound	2,270	2,045	2,145	4,615	4,474	4,756
Peel	8,530	9,855	10,055	27,032	27,017	27,108
Perth	8,675	9,800	10,640	13,735	13,808	14,154
Peterborough	9,685	10,450	11,060	17,130	17,089	17,508
Prescott	1,315	1,785	2,700	3,284	3,392	4,374
Prince Edward	2,010	1,925	2,095	3,708	3,604	3,778
Rainy River	2,000	1,900	2,310	4,258	4,279	4,470
Renfrew	6,495	6,635	7,520	14,984	14,807	15,848
Russell	770	710	1,040	2,630	2,601	3,142
Simcoe	14,345	15,520	16,825	29,561	29,715	30,832
Stormont	5,760	6,795	8,205	11,695	11,776	12,550
Sudbury	12,955	12,755	14,935	31,193	29,388	32,188
Thunder Bay	18,400	18,035	19,800	29,164	28,334	29,679
Timiskaming	7,170	7,415	8,605	9,423	9,420	10,094
Toronto ⁴	...	...	...	...	...	...
Victoria	3,485	3,565	3,805	5,888	5,985	6,134
Waterloo	21,740	26,215	28,040	43,887	44,418	45,564
Wellington	9,930	11,325	12,240	19,381	19,584	20,136
Wentworth	55,450	62,520	63,900	91,663	92,513	93,378
York ⁵	258,905	270,895	274,255	451,550	452,711	454,937

¹ District Municipality, comprising the former Territorial District of Muskoka as well as part of the Unorganized Township of Finlayson in the Territorial District of Nipissing.

² Regional Municipality, comprising the former county of Lincoln and Welland.

³ Regional Municipality, comprising the former county of Carleton as well as Cumberland Township in Russell County

Table 9.13 (cont'd)

Occupied Dwellings by Water Supply and Bath Facilities, by County, Canada and Ontario,
Census Years, 1951–1971

	1971		
	Hot and Cold Running Water	Bath or Shower	Flush Toilet
Canada	5,592,515	5,584,510	5,702,235
Ontario	2,145,600	2,140,615	2,158,715
Algoma	29,360	29,330	29,895
Brant	27,075	27,070	27,255
Bruce	12,800	12,650	13,000
Cochrane	22,600	22,180	22,985
Dufferin	5,750	5,685	5,755
Dundas	4,270	4,075	4,145
Durham	12,495	12,420	12,530
Elgin	18,590	18,540	18,750
Essex	86,450	86,450	87,135
Frontenac	27,520	27,365	27,540
Glengarry	3,980	3,890	4,115
Grenville	6,360	6,205	6,330
Grey	18,720	18,550	18,935
Haldimand	8,320	8,285	8,380
Haliburton	2,280	2,245	2,385
Halton	51,225	51,285	51,395
Hastings	25,020	24,175	25,095
Huron	14,880	14,790	14,945
Kenora	10,445	10,300	10,225
Kent	28,430	28,415	28,755
Lambton	31,820	31,815	32,060
Lanark	10,695	10,520	10,705
Leeds	13,505	13,205	13,335
Lennox-Addington	6,440	6,225	6,295
Manitoulin	2,035	1,960	2,045
Middlesex	83,630	83,700	84,080
Muskoka ¹	8,485	8,455	8,730
Niagara ²	99,105	99,280	99,680
Nipissing	18,700	18,355	19,065
Norfolk	15,020	14,800	14,870
Northumberland	12,705	12,575	12,805
Ontario	52,555	52,605	52,870
Ottawa-Carleton ³	135,380	135,450	136,085
Oxford	22,645	22,590	22,785
Parry Sound	7,190	7,105	7,385
Peel	69,130	69,260	69,385
Perth	17,800	17,700	17,945
Peterborough	24,290	24,125	24,415
Prescott	6,080	5,920	6,530
Prince Edward	5,100	4,965	5,090
Rainy River	5,730	5,720	5,730
Renfrew	20,765	20,430	21,030
Russell	3,470	3,340	3,655
Simcoe	45,960	45,825	46,570
Stormont	15,670	15,345	15,780
Sudbury	47,040	46,010	47,545
Thunder Bay	37,955	37,490	38,130
Timiskaming	11,675	11,525	11,900
Toronto ⁴	625,100	626,260	627,400
Victoria	9,420	9,395	9,605
Waterloo	72,150	72,280	72,725
Wellington	30,285	30,170	30,520
Wentworth	118,240	118,465	118,870
York ⁵	43,245	43,305	43,520

⁴) Metropolitan Municipality, comprising that part of former York County previously known as "Toronto Metropolitan Corporation".

⁵) Regional Municipality, comprising that part of the former York County outside the old "Toronto Metropolitan Corporation".

Source: SC, *Housing, Water Supply; Bath, Toilet Facilities*.
Summary of Housing Characteristics (100 p.c. data).

Table 9.14
Housing¹ on Indian Reserves by Number of Rooms, Canada and Ontario, Selected Years, 1963–1975²

	Total No. of Houses	Number of Houses with						
		1 Room	2 Rooms	3 Rooms	4 Rooms	5 Rooms	6 Rooms	7 + Rooms
1963								
Canada ³	25,177	4,054	4,528	5,690	4,669	4,023	1,479	700
Ontario	6,203	630	947	1,329	1,541	1,147	410	160
1965								
Canada	26,515	4,028	4,586	5,580	5,222	4,583	1,634	869
Ontario	6,447	656	1,009	1,176	1,559	1,274	469	304
1967								
Canada	27,429	3,518	3,896	5,261	5,984	5,479	2,434	846
Ontario	6,856	681	1,040	1,085	1,800	1,465	593	192
1969								
Canada	28,517	2,929	3,275	5,082	6,233	6,947	3,058	997
Ontario	6,931	689	853	1,135	1,667	1,662	695	219
1971								
Canada ⁴	29,934	2,435	3,085	4,749	6,690	7,804	4,082	1,089
Ontario	7,430	736	807	993	1,642	1,916	1,043	293
1973 ⁵								
Canada	27,134	1,355	1,746	3,561	5,422	8,187	4,012	1,473
Ontario	6,391	391	494	1,040	1,101	1,641	792	288
		1 or 2 Rooms		3 or 4 Rooms		5 or 6 Rooms		7 + Rooms
1975 ⁶								
Canada ⁷	26,775	3,190		8,258		14,034		1,293
Ontario	7,971	1,326		2,474		3,772		399

¹) This is a summary of data as reported. Totals do not add due to missing and inaccurate data, except in the case of 1975 for which figures were adjusted.

²) All data relate to March 31.

³) For Yukon Region total band membership for all bands except Old Crow.

⁴) For British Columbia Region, Terrace District – all bands except Tahltan; and for Alberta Region total band membership for the Saddle Lake/ Athabaska, Blackfoot/Stony Sarnce and Blood/Peigan Districts and for all bands except Driftpile in the Lesser Slave Lake Agency.

⁵) For Ontario Region, Brantford District omitted; for Manitoba Region, 23 of 55 bands reported and for Alberta District, Saddle Lake/ Athabaska District omitted.

⁶) In 1975 data was compiled by a combined number of rooms, not by individual number as in previous years.

⁷) For Québec Region, Québec Regional Office District – one band omitted; for Manitoba Region – three bands omitted; for British Columbia Region – all Districts omitted.

Source: Department of Indian Affairs and Northern Development, Indian and Inuit Affairs Program, Statistics Division.

Table 9.15**Housing¹ on Indian Reserves by Utility, Canada and Ontario, Selected Years, 1963–1977**

	Total No. of Houses	Number of Houses With					
		Elec- tricity	Sewer or Septic Tank	Running Water	Indoor Toilet	Indoor Bath	Tele- phone
1963 ²							
Canada ³	25,177	11,259	2,131	3,475	2,129	1,800	2,569
Ontario	6,203	3,476	245	401	249	228	1,060
1965 ²							
Canada	26,515	12,738	2,597	4,128	2,555	2,016	3,396
Ontario	6,447	3,544	347	453	333	294	1,569
1967 ²							
Canada	27,429	15,717	3,437	5,260	3,307	2,733	4,490
Ontario	6,856	4,049	441	629	424	382	2,121
1969 ²							
Canada	28,517	20,705	5,246	7,493	5,238	4,358	6,109
Ontario	6,931	4,512	668	975	668	638	2,514
1971 ²							
Canada ⁴	29,934	23,659	7,228	9,032	6,919	5,787	7,555
Ontario	7,430	4,976	1,151	1,422	1,128	1,034	2,803
1973 ²							
Canada	27,134	22,283	9,436	11,379	9,909	8,855	7,445
Ontario	6,391	4,422	1,142	1,594	1,100	1,063	2,320
1975 ²							
Canada ⁶	26,775	21,741	8,305	8,998	8,758	7,176	8,855
Ontario	7,971	5,788	2,407	2,726	2,185	2,052	3,762
1977 ⁷							
Canada ⁸	36,142	32,656	16,196	18,325	16,278 ¹⁰		..
Ontario ^{8,9}	7,446	5,934	2,898	3,629	2,936 ¹⁰		..

1) This is a summary of data as reported.

2) All data relate to March 31.

3) For Yukon Region total band membership for all bands except Old Crow.

4) For British Columbia Region, Terrace District – all bands except Tahltan; and for Alberta Region total band membership for the Saddle Lake/Athabaska, Blackfoot/Stony Sarcee and Blood/Peigan Districts and for all bands except Driftpile in the Lesser Slave Lake Agency.

5) For Ontario Region, Brantford District omitted; for Manitoba Region, 23 of 55 bands reported and for Alberta District, Saddle Lake/Athabaska District omitted.

6) For Québec Region, Québec Regional Office District – one band omitted; for Manitoba Region – three bands omitted; for British Columbia Region – all Districts omitted.

7) All data relate to December 31, 1977.

8) For Atlantic Region – one band omitted; for Ontario Region – three bands omitted.

9) All data relate to the Ontario Region of the Indian and Inuit Affairs Program.

10) These data relate to indoor plumbing.

Source: Department of Indian Affairs and Northern Development, Indian and Inuit Affairs Program, Statistics Division.

Table 9.16
Water Supply and Source of Water, Canada and Ontario, 1967–1978¹

	Total House- holds ²	Water Supply		No water Piped Inside	Source of Piped Running Water	
		Hot and Cold Inside	Cold only Piped Inside		Community Water Main System	Other ³
'000's						
1967						
Canada	5,293	4,754	289	250	4,201	841
Ontario	1,939	1,848	51	39	1,614	286
1968						
Canada	5,458	4,964	276	218	4,377	862
Ontario	2,003	1,894	76	33	1,679	291
1969						
Canada	5,616	5,265	153	198	4,516	902
Ontario	2,062	2,011	17	34	1,720	308
1970						
Canada	5,784	5,465	152	167	4,702	915
Ontario	2,140	2,088	26	26	1,804	310
1971						
Canada	5,933	5,545	225	163	4,799	971
Ontario	2,208	2,140	44	24	1,846	338
1972						
Canada	6,111	5,719	246	146	4,984	981
Ontario	2,275	2,178	73	24	1,916	335
1973						
Canada	6,301	5,952	210	140	5,183	979
Ontario	2,354	2,269	57	28	1,982	344
1974						
Canada	6,513	6,235	173	105	5,394	1,013
Ontario	2,440	2,373	50	16	2,067	356
1975						
Canada	6,721	6,502	122	97	5,607	1,017
Ontario	2,523	2,481	24	18	2,165	340
1976						
Canada	6,949	6,757	120	72	5,868	1,009
Ontario	2,606	2,570	23	13	2,234	359
1977 ¹						
Canada	7,119	6,965	83	71	5,996	1,051
Ontario	2,666	2,643	13	10	2,288	368
1978						
Canada	7,320	7,181	75	63	6,195	1,061
Ontario	2,741	2,720	9	12	2,357	372

¹ For 1973–1975, figures are as of April; all other years, figures are as of May.

² See introductory notes of this chapter for an explanation of the coverage.

³ Refers to private wells, springs, etc.

Source: SC, *Household Facilities and Equipment*.

Table 9.17
Principal Heating Fuel and Equipment, Canada and Ontario, 1967-1978¹

	Heating Fuel					Heating Equipment									
	Total Households ²	Oil or Other Liquid Fuel ³	Piped Gas	Bottled Gas	Electricity	Coal or Coke	Wood	Other ⁴	Steam or Hot Water Furnaces	Hot Air Furnaces		Heating Stoves	Electricity	Cook Stoves or Ranges	Other ⁵
										Forced	Other				
'000's															
1968															
Canada	5,458	3,252	1,569	61	151	172	249	4	1,134	2,728	387	878	151	171	9
Ontario	2,003	1,160	657	9	61	73	42	--	461	1,175	114	170	61	19	--
1969															
Canada	5,616	3,281	1,714	66	195	146	212	--	1,236	2,826	369	828	195	152	12
Ontario	2,062	1,152	724	11	83	61	31	--	483	1,200	112	167	83	15	--
1970															
Canada	5,784	3,349	1,872	59	231	97	175	--	1,268	2,986	383	772	231	136	9
Ontario	2,140	1,182	791	10	91	36	30	--	500	1,268	111	151	91	15	--
1971															
Canada	5,933	3,406	1,937	70	290	60	165	6	1,420	3,061	294	734	290	123	12
Ontario	2,208	1,189	843	16	110	16	29	--	560	1,289	91	140	110	14	--
1972															
Canada	6,111	3,473	1,995	65	390	51	135	--	1,421	3,217	289	653	390	127	14
Ontario	2,275	1,190	880	13	161	11	19	--	531	1,357	88	123	161	11	4
1973															
Canada	6,301	3,498	2,120	75	442	38	127	--	1,505	3,314	260	673	441	95	15
Ontario	2,354	1,214	928	15	164	10	21	--	583	1,393	87	113	164	11	--
1974															
Canada	6,513	3,492	2,240	70	563	29	115	--	1,552	3,462	243	599	563	77	17
Ontario	2,440	1,185	999	15	211	5	21	--	605	1,429	67	114	211	9	4
1975															
Canada	6,721	3,475	2,332	74	706	22	107	5	1,556	3,564	222	578	706	83	13
Ontario	2,523	1,186	1,046	16	250	--	18	--	592	1,483	65	118	250	9	6
1976															
Canada	6,949	3,306	2,544	58	913	20	103	5	1,601	3,654	216	469	913	84	11
Ontario	2,606	1,088	1,176	17	302	--	19	--	600	1,544	63	76	302	16	6
1977 ¹															
Canada	7,119	3,216	2,678	57	1,027	28	108	--	1,623	3,750	220	467	981	64	12
Ontario	2,666	1,072	1,242	19	306	--	21	...	633	1,582	61	92	287	--	...
1978															
Canada	7,320	3,189	2,721	55	1,188	32	133	...	1,654	3,781	230	431	1,142	68	13
Ontario	2,741	1,102	1,222	16	365	6	29	...	664	1,584	58	79	343	10	...

1) For 1974, figures are as of April; for 1968, 1970, 1972, 1976 and 1978, figures are as of May.

2) See introductory note of this chapter for an explanation of the coverage.

3) Includes kerosene.

Table 9. 18
Toilet and Installed Bath Facilities, Canada and Ontario, 1967–1978¹

		Households with flush toilets							Households with installed baths or showers				
								Exclusive use			House- holds without Installed Baths or Showers		
Total House- holds ²		Total	One Flush Toilet	Two Flush Toilets ³	Three or More Flush Toilets	Chem- ical Toilets	House- holds without Toilets		One Bath- room	Two or more Bath- rooms	Shared Use		
'000's													
1967													
Canada	5,293	4,902	4,152	750	..	53	339	4,757	..	..	78	536
Ontario	1,939	1,864	1,500	363	..	8	68	1,847	..	..	24	92
1968													
Canada	5,458	5,103	4,294	724	85	48	307	4,978	4,575	342	61	480	
Ontario	2,003	1,939	1,563	335	41	7	57	1,925	1,761	145	19	78	
1969													
Canada	5,616	5,285	4,343	825	118	41	290	5,163	4,702	414	47	453	
Ontario	2,062	1,999	1,548	396	55	6	56	1,990	1,788	187	15	72	
1970													
Canada	5,784	5,500	4,498	868	133	43	242	5,366	4,864	446	55	418	
Ontario	2,140	2,088	1,632	396	60	6	46	2,070	1,859	187	23	71	
1971													
Canada	5,933	5,658	4,530	977	151	38	238	5,540	4,981	510	49	393	
Ontario	2,208	2,155	1,636	453	66	7	46	2,142	1,905	224	13	66	
1972													
Canada	6,111	5,868	4,710	1,019	139	37	206	5,757	5,155	551	51	355	
Ontario	2,275	2,232	1,710	460	61	4	40	2,216	1,979	224	12	59	
1973													
Canada	6,301	6,072	4,813	1,092	166	44	186	6,001	5,340	607	54	300	
Ontario	2,354	2,306	1,728	506	72	7	40	2,300	2,021	264	14	54	
1974													
Canada	6,513	6,332	4,921	1,230	181	33	147	6,264	5,494	718	52	249	
Ontario	2,440	2,407	1,768	565	75	5	27	2,401	2,085	303	14	39	
1975													
Canada	6,721	6,549	5,038	1,313	198	31	141	6,510	5,694	769	46	211	
Ontario	2,523	2,488	1,803	595	90	7	28	2,487	2,171	302	13	36	
1976													
Canada	6,949	6,818	5,145	1,420	252	17	114	6,783	5,825	916	42	166	
Ontario	2,606	2,581	1,820	643	118	4	21	2,577	2,181	385	10	30	
1977 ¹													
Canada	7,119	6,985	5,152	1,557	275	17	117	6,962	5,970	951	41	157	
Ontario	2,666	2,641	1,857	665	119	5	20	2,641	2,262	370	9	25	
1978													
Canada	7,320	7,176	5,232	1,667	277	19	125	7,183	6,127	998	57	137	
Ontario	2,741	2,702	1,841	747	114	--	34	2,720	2,315	381	--	21	

¹ For 1973–1975, figures are as of April; all other years, figures are as of May.

² See introductory note of this chapter for an explanation of the coverage.

³ For 1967, read "Two or More Flush Toilets".

Source: SC, *Household Facilities and Equipment*.

Table 9.19
Electric Refrigerators, Home Freezers, Electric Washing Machines and Clothes Dryers¹,
Canada and Ontario, 1967–1978²

	Electric Refrigerators			Home Freezers		Households with Electric Washers		Households without Electric Washers	Households with Clothes Dryers		Households without Clothes Dryers
	Total Households ³	Households with	Households without	Households with	Households without	Automatic ⁴	Other ⁵		Electric ⁴	Gas	
'000's											
1967											
Canada	5,293	5,147	146	1,464	3,829	1,590	2,920	783	1,678	144	3,471
Ontario	1,939	1,917	22	532	1,407	557	1,049	333	692	76	1,171
1968											
Canada	5,458	5,318	139	1,590	3,868	1,746	2,817	895	1,851	156	3,451
Ontario	2,003	1,984	19	578	1,425	604	1,017	382	749	77	1,176
1969											
Canada	5,616	5,508	108	1,738	3,878	2,044	2,656	916	2,096	177	3,343
Ontario	2,062	2,048	14	651	1,411	709	956	397	830	98	1,134
1970											
Canada	5,784	5,693	92	1,920	3,864	2,339	2,503	943	2,361	200	3,224
Ontario	2,140	2,125	15	699	1,441	797	929	415	898	95	1,147
1971											
Canada	5,933	5,829	104	2,019	3,913	2,340	2,409	1,184	2,354	202	3,377
Ontario	2,208	2,186	22	755	1,453	803	908	497	888	103	1,216
1972											
Canada	6,111	6,029	82	2,174	3,937	2,611	2,206	1,294	2,405	212	3,495
Ontario	2,275	2,259	16	792	1,483	877	812	586	889	106	1,279
1973											
Canada	6,301	6,215	86	2,353	3,948	2,834	2,035	1,432	2,626	214	3,462
Ontario	2,354	2,329	24	866	1,488	956	754	643	940	106	1,308
1974											
Canada	6,513	6,440	72	2,590	3,923	3,190	1,862	1,461	2,905	243	3,365
Ontario	2,440	2,425	15	947	1,492	1,100	681	658	1,023	125	1,292
1975											
Canada	6,721	6,671	50	2,809	3,913	3,506	1,662	1,554	3,232	239	3,251
Ontario	2,523	2,511	12	1,020	1,502	1,185	613	725	1,115	125	1,283
1976											
Canada	6,949	6,891	58	3,021	3,928	3,891	1,403	1,654	3,562	238	3,149
Ontario	2,606	2,594	13	1,155	1,451	1,339	536	731	1,236	124	1,246
1977 [†]											
Canada	7,119	7,074	44	3,381	3,738	4,216	1,226	1,676	3,919	260	2,940
Ontario	2,666	2,659	7	1,249	1,417	1,413	473	781	1,319	143	1,205
1978											
Canada	7,320	7,276	44	3,455	3,864	4,328	1,261	1,731	4,100	251	2,968
Ontario	2,741	2,728	13	1,292	1,448	1,477	486	778	1,392	129	1,219

1) Includes only washing machines and dryers inside the dwelling.
2) For 1973–1975, figures are as of April; all other years, figures are as of May.
3) See introductory note of this chapter for an explanation of the coverage.
4) Combination washer-dryers are included in both electric washing machines and electric dryers.
5) Mostly wringer-washers.

Source: SC, *Household Facilities and Equipment*.

Table 9.20Air Conditioners and Automatic Dishwashers, Canada and Ontario, 1967–1978¹

Household Possessions and Automatic Dishwashers, Canada and Ontario, 1967-1978						
	Total House- holds ²	Households with Air Conditioners		House- holds without Air Condi- tioners ³	House- holds with Auto- matic Dish- washers	House- holds without Auto- matic Dish- washers
		Window Type	Central Unit			
'000's						
1967						
Canada	5,293	168	..	5,125	232	5,061
Ontario	1,939	98	..	1,841	77	1,862
1968						
Canada	5,458	174	..	5,284	277	5,180
Ontario	2,003	104	..	1,899	105	1,898
1969						
Canada	5,616	218	..	5,398	364	5,253
Ontario	2,062	143	..	1,919	141	1,921
1970						
Canada	5,784	246	..	5,538	436	5,348
Ontario	2,140	157	..	1,983	152	1,988
1971						
Canada	5,933	317	..	5,616	510	5,423
Ontario	2,208	197	..	2,010	189	2,019
1972						
Canada	6,111	353	..	5,758	564	5,547
Ontario	2,275	221	..	2,054	191	2,084
1973						
Canada	6,301	417	..	5,885	673	5,628
Ontario	2,354	268	..	2,086	246	2,108
1974						
Canada	6,513	494	166	5,853	839	5,674
Ontario	2,440	331	86	2,023	286	2,154
1975						
Canada	6,721	619	212	5,891	1,023	5,698
Ontario	2,523	407	117	1,998	341	2,181
1976						
Canada	6,949	670	254	6,025	1,296	5,653
Ontario	2,606	463	168	1,974	470	2,136
1977 ¹						
Canada	7,119	779	311	6,029	1,550	5,569
Ontario	2,666	501	198	1,967	523	2,143
1978						
Canada	7,320	785	331	6,203	1,774	5,575
Ontario	2,741	514	226	2,001	595	2,146

1) For 1973–1975, figures are as of April; all other years, figures are as of May.

2) See introductory note of this chapter for an explanation of the coverage.

3) This column includes central unit air conditioner totals from 1967–1973.

Source: SC, *Household Facilities and Equipment*.

Table 9.21**Automobiles and Garages, Canada and Ontario, 1967–1978¹**

	Households with Automobiles					Garage on Premises ³	
	Total Households ²	One Automobile	Two Automobiles ⁴	Three or More Automobiles	Households without Automobiles	Households with	Households without
'000's							
1967							
Canada	5,293	3,218	788	..	1,287	2,172	3,122
Ontario	1,939	1,201	345	..	393	889	1,050
1968							
Canada	5,458	3,333	842	..	1,283	2,252	3,206
Ontario	2,003	1,260	370	..	373	937	1,065
1969							
Canada	5,616	3,426	895	..	1,295	2,329	3,287
Ontario	2,062	1,279	387	..	396	982	1,080
1970							
Canada	5,784	3,524	969	..	1,292	2,383	3,401
Ontario	2,140	1,307	427	..	406	1,011	1,129
1971							
Canada	5,933	3,530	1,068	..	1,335	2,266	3,667
Ontario	2,208	1,324	454	..	430	960	1,248
1972							
Canada	6,111	3,592	969	161	1,389	2,383	3,729
Ontario	2,275	1,347	412	66	450	995	1,280
1973							
Canada	6,301	3,613	1,099	198	1,392	2,464	3,838
Ontario	2,354	1,351	471	73	458	1,049	1,305
1974							
Canada	6,513	3,674	1,179	225	1,435	2,521	3,992
Ontario	2,440	1,372	497	89	482	1,100	1,340
1975							
Canada	6,721	3,756	1,296	248	1,421	2,580	4,141
Ontario	2,523	1,400	538	86	499	1,130	1,392
1976							
Canada	6,949	3,820	1,393	301	1,434	2,668	4,281
Ontario	2,606	1,431	571	107	498	1,190	1,416
1977 ¹							
Canada	7,119	3,883	1,431	302	1,502	2,652	4,466
Ontario	2,666	1,428	584	112	542	1,154	1,512
1978							
Canada	7,320	3,989	1,445	310	1,574	2,783	4,537
Ontario	2,741	1,467	612	117	545	1,211	1,530

1) For 1973–1975, figures are as of April; all other years, figures are as of May.

2) See introductory note of this chapter for an explanation of the coverage.

3) Excludes carports and communal parking lots in basements of apartment blocks.

4) For 1967–1971, read "Two or More Automobiles".

Source: SC, *Household Facilities and Equipment*.

Table 9.22Households with Automobiles, Showing Numbers with and without Radios and FM Radios, Canada and Ontario, 1967–1978¹

	Households with Automobiles	Households with One Automobile		Households with Two or More Automobiles		Households with Automobiles	
		Radio-Equipped	Not Radio-Equipped	Radio-Equipped ²	Not Radio-Equipped	With FM Radio	Without FM Radio
				'000's			
1967							
Canada	4,006	2,309	909	715	73	..	..
Ontario	1,546	845	356	316	29	..	..
1968							
Canada	4,175	2,512	821	781	61	..	..
Ontario	1,630	946	314	346	24	..	..
1969							
Canada	4,321	2,693	733	836	59	..	..
Ontario	1,666	1,002	277	362	25	..	..
1970							
Canada	4,492	2,855	668	912	57	..	..
Ontario	1,734	1,055	252	402	24	..	..
1971							
Canada	4,598	2,904	627	1,014	53	447	4,151
Ontario	1,778	1,081	243	434	20	167	1,611
1972							
Canada	4,723	3,037	555	1,082	48	571	4,152
Ontario	1,825	1,134	212	461	17	214	1,610
1973							
Canada	4,909	3,117	496	1,250	46	696	4,213
Ontario	1,896	1,166	186	528	16	261	1,634
1974							
Canada	5,078	3,201	473	1,360	44	841	4,237
Ontario	1,958	1,194	178	569	16	304	1,654
1975							
Canada	5,300	3,342	414	1,509	35	1,034	4,266
Ontario	2,024	1,234	166	611	13	387	1,637
1976							
Canada	5,514	3,445	376	1,663	31	1,283	4,231
Ontario	2,108	1,284	147	667	11	490	1,618
1977 ¹							
Canada	5,617	3,548	335	1,709	25	1,541	4,076
Ontario	2,124	1,282	146	686	11	600	1,525
1978							
Canada	5,745	3,705	284	1,729	27	1,861	3,885
Ontario	2,196	1,340	127	718	11	713	1,483

1) For 1973–1975, figures are as of April; all other years, figures are as of May.

2) At least one automobile is radio-equipped.

Source: SC, *Household Facilities and Equipment*.

Table 9.23
Telephone and Radios, Canada and Ontario, 1967–1978¹

		Telephones				Radios ³					
		Households with			Households without Tele- phones	Households with				House- holds without Radios	
		One	Two ⁴	Three or More		One	Two	Three	Four or More		
Total Households ²											
		'000's									
1967											
Canada	5,294	4,027	828	..	439	2,265	1,506	748	599	175	
Ontario	1,939	1,482	365	..	92	743	563	309	255	69	
1968											
Canada	5,458	4,160	900	..	397	2,309	1,559	769	647	174	
Ontario	2,003	1,517	406	..	80	750	603	312	275	63	
1969											
Canada	5,616	4,235	1,037	..	344	2,258	1,599	868	744	147	
Ontario	2,062	1,507	476	..	79	740	596	349	326	51	
1970											
Canada	5,784	4,290	1,143	..	351	2,210	1,677	918	818	161	
Ontario	2,140	1,549	511	..	81	727	637	360	356	60	
1971											
Canada	5,933	4,343	1,246	..	344	2,200	1,789	960	823	161	
Ontario	2,208	1,565	562	..	81	737	670	386	359	55	
1972											
Canada	6,111	4,504	1,087	190	331	2,135	1,833	1,044	953	146	
Ontario	2,275	1,634	485	74	83	700	705	418	399	54	
1973											
Canada	6,301	4,530	1,238	219	314	2,046	1,880	1,125	1,107	143	
Ontario	2,354	1,611	565	99	79	655	719	450	479	50	
1974											
Canada	6,513	4,584	1,404	253	271	2,000	1,985	1,220	1,189	119	
Ontario	2,440	1,644	615	105	76	667	750	489	487	47	
1975											
Canada	6,721	4,674	1,532	275	240	2,009	2,096	1,265	1,236	115	
Ontario	2,523	1,661	671	126	65	700	752	511	517	43	
1976											
Canada	6,949	4,772	1,637	297	242	2,007	2,182	1,322	1,336	101	
Ontario	2,606	1,717	698	126	66	671	792	523	583	37	
1977 ¹											
Canada	7,119	4,728	1,799	337	254	2,019	2,245	1,368	1,344	142	
Ontario	2,666	1,709	742	152	64	677	825	547	564	55	
1978											
Canada	7,320	4,822	1,862	379	257	1,858	2,404	1,495	1,449	112	
Ontario	2,741	1,684	807	178	72	597	870	598	637	40	

1) For 1973–1975, figures are as of April; for all other years, figures are as of May.

2) See introductory note of this chapter on explanation of the coverage.

3) All types except automobile radios.

4) For 1967–1971, read "Two or More Telephones".

Source: SC, *Household Facilities and Equipment*.

Table 9.24**Black and White and Colour Television Sets, Canada and Ontario, 1967–1978¹**

	Total House- holds ²	T.V. - All Types			Black and White T.V.			Colour T.V.		
		Households with		House- holds without T.V.	Households with		Households without Black and White T.V.	Households with		Households without Colour T.V.
		One	Two or More		One	Two or More		One	Two or More	
1967										
Canada	5,293	4,176	830	287	..	..	..	103	..	5,187
Ontario	1,939	1,504	359	76	..	..	..	53	..	1,885
1968										
Canada	5,458	4,232	964	262	..	..	..	229	..	5,227
Ontario	2,003	1,528	404	71	..	..	..	109	..	1,893
1969										
Canada	5,616	4,267	1,124	225	..	..	..	438	13	5,165
Ontario	2,062	1,534	464	63	..	..	..	198	7	1,856
1970										
Canada	5,784	4,282	1,270	232	..	..	..	682	19	5,084
Ontario	2,140	1,555	513	72	..	..	..	292	10	1,838
1971										
Canada	5,933	4,335	1,368	230	..	..	..	1,065	26	4,841
Ontario	2,208	1,603	537	67	..	..	..	439	12	1,756
1972										
Canada	6,111	4,407	1,447	258	4,281	838	993	1,444	35	4,632
Ontario	2,275	1,633	564	77	1,591	310	374	588	13	1,674
1973										
Canada	6,301	4,353	1,698	251	4,182	813	1,306	2,020	70	4,212
Ontario	2,354	1,607	667	79	1,555	292	507	812	34	1,508
1974										
Canada	6,513	4,295	1,981	237	3,997	775	1,741	2,777	122	3,614
Ontario	2,440	1,594	762	83	1,491	285	663	1,080	51	1,309
1975										
Canada	6,721	4,366	2,140	215	3,907	650	2,164	3,406	183	3,132
Ontario	2,523	1,630	823	70	1,463	240	819	1,305	79	1,139
1976										
Canada	6,949	4,432	2,281	236	3,762	576	2,611	3,958	254	2,737
Ontario	2,606	1,657	871	78	1,390	222	995	1,520	102	985
1977 ¹										
Canada	7,119	4,516	2,401	202	3,486	522	3,111	4,449	380	2,290
Ontario	2,666	1,704	890	72	1,300	195	1,171	1,658	150	859
1978										
Canada	7,320	4,630	2,491	198	3,346	473	3,501	4,811	483	2,026
Ontario	2,741	1,685	985	71	1,277	196	1,268	1,792	193	756

1) For 1973–1975, figures are as of April; all other years, figures are as of May.

2) See introductory note of this chapter for an explanation of the coverage.

Source: SC, *Household Facilities and Equipment*.

Table 9.25Record-Playing Equipment, Canada and Ontario, 1967–1978¹

Record-Playing Equipment, Canada and Ontario, 1967-1978					
		Households with Record-Playing Equipment			Households without Record-Playing Equipment
	Total Households ²	Total ³	Radio-Phonograph Combinations	Record Players or Phonographs without Radio	
'000's					
1967					
Canada	5,293	3,407	..	3,407	1,886
Ontario	1,939	1,304	..	1,304	635
1968					
Canada	5,458	3,599	..	3,599	1,859
Ontario	2,003	1,378	..	1,378	625
1969					
Canada	5,616	3,839	2,311	2,187	1,777
Ontario	2,062	1,471	910	857	591
1970					
Canada	5,784	4,026	2,479	2,240	1,758
Ontario	2,140	1,522	965	856	619
1971					
Canada	5,933	4,155	2,643	2,389	1,778
Ontario	2,208	1,595	1,038	938	613
1972					
Canada	6,111	4,334	2,908	2,286	1,777
Ontario	2,275	1,662	1,180	826	613
1973					
Canada	6,301	4,556	3,185	2,318	1,745
Ontario	2,354	1,749	1,267	885	605
1974					
Canada	6,513	4,849	3,576	2,278	1,664
Ontario	2,440	1,852	1,405	865	588
1975					
Canada	6,721	5,087	3,945	2,237	1,634
Ontario	2,523	1,938	1,542	861	585
1976					
Canada	6,949	5,317	4,317	2,110	1,632
Ontario	2,606	2,038	1,681	839	568
1977 ¹					
Canada	7,119	5,509	4,458	2,055	1,609
Ontario	2,666	2,100	1,739	782	566
1978					
Canada	7,320	5,768	4,825	1,990	1,552
Ontario	2,741	2,210	1,866	791	531

1) For 1973–1975, figures are as of April; all other years, figures are as of May.

2) See introductory note of this chapter for an explanation of the coverage.

3) Sum of kinds of record-playing equipment is greater than total households with equipment since some households have more than one kind.

Source: SC, *Household Facilities and Equipment*.

Table 9.26FM Receivers and Battery/Transistor Radios, Canada and Ontario, 1967–1978¹

	Total Households ²	FM Receivers ³		Battery-Operated or Transistor Radios ⁴	
		Households with	Households without	Households with	Households without
			'000's		
1967					
Canada	5,293	1,820	3,473	2,599	2,694
Ontario	1,939	777	1,162	977	962
1968					
Canada	5,458	2,204	3,254	2,810	2,648
Ontario	2,003	936	1,067	1,050	953
1969					
Canada	5,616	2,692	2,924	3,150	2,467
Ontario	2,062	1,133	929	1,155	907
1970					
Canada	5,784	3,060	2,724	3,229	2,486
Ontario	2,140	1,255	885	1,226	914
1971					
Canada	5,933	3,416	2,517	3,522	2,411
Ontario	2,208	1,400	808	1,294	914
1972					
Canada	6,111	3,815	2,296	3,816	2,295
Ontario	2,275	1,559	715	1,381	893
1973					
Canada	6,301	4,235	2,066	4,093	2,208
Ontario	2,354	1,715	638	1,521	832
1974					
Canada	6,513	4,665	1,847	4,191	2,322
Ontario	2,440	1,851	588	1,534	905
1975					
Canada	6,721	5,089	1,632	4,238	2,483
Ontario	2,523	2,002	521	1,542	981
1976					
Canada	6,949	5,317	1,632	4,155	2,794
Ontario	2,606	2,094	512	1,534	1,072
1977 ¹					
Canada	7,119	5,858	1,261	4,082	3,036
Ontario	2,666	2,254	412	1,443	1,223
1978					
Canada	7,320	6,160	1,159	4,049	3,270
Ontario	2,741	2,383	358	1,454	1,287

1) For 1973–1975, figures are as of April; all other years, figures are as of May.

2) See the introductory note of this chapter for an explanation of the coverage.

3) Includes all types of FM receivers except those in automobiles.

4) Includes all types of battery-operated or transistor radios which can be operated without a plug.

Source: SC, *Household Facilities and Equipment*.

Table 9.27Snowblowers and Lawn-mowers, Canada and Ontario, Selected Years, 1968–1978¹

	1968		1970		1972	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
	'000's					
Total Households ²	5,458	2,003	5,784	2,140	6,111	2,275
Snowblowers						
Households with	..	..	..	..	278	122
Households without	..	..	..	..	5,834	2,153
Lawn-mowers						
Powermowers	2,360	1,001	2,716	1,123	2,966	1,206
Gasoline	1,892	833	2,050	882	2,167	919
Electric	469	168	665	241	799	288
Hand	694	319	605	293	523	264
Households without Lawn-mowers	2,403	682	2,464	725	2,622	804

Table 9.27 (cont'd)

	1974		1976		1978	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
	'000's					
Total Households ²	6,513	2,440	6,949	2,606	7,320	2,741
Snowblowers						
Households with	421	172	545	209	695	271
Households without	6,092	2,268	6,404	2,398	6,625	2,470
Lawn-mowers						
Powermowers	3,202	1,247	3,556	1,412	3,893	1,492
Gasoline	2,254	907	2,457	993	2,715	1,041
Electric	948	340	1,099	419	1,178	451
Hand	447	232	381	211	298	161
Households without Lawn-mowers	2,864	961	3,011	983	3,129	1,088

1) For 1974, figures are as of April; for 1968, 1970, 1972, 1976 and 1978, figures are as of May.

2) See introductory note of this chapter for an explanation of the coverage.

Source: SC, *Household Facilities and Equipment*.

Media and Communications

Highlights

- **Telephone and Telegraph** — In 1977 the telephone exchange showing the highest number of telephones per 100 population was Toronto with 78.8 followed by Ottawa with 78.2 and Thunder Bay with 68.4.

There were 7.7 billion telephone calls in 1977 in Ontario. This represents a 5.5 per cent increase from the previous year. In 1977 there were 1,316 local calls per telephone and 68 long distance calls per telephone for a total of 1,384. In terms of total calls per capita, the 1977 mark of 913 for Bell Canada in Ontario is a 4.9 per cent increase from the previous year and compares with 991 calls per capita for the rest of Canada.

The number of telegrams sent in Ontario in 1977 totalled 0.9 million, a 16.1 per cent decrease from the 1976 figure and 68.1 per cent below the 1970 mark of 2.8 million.

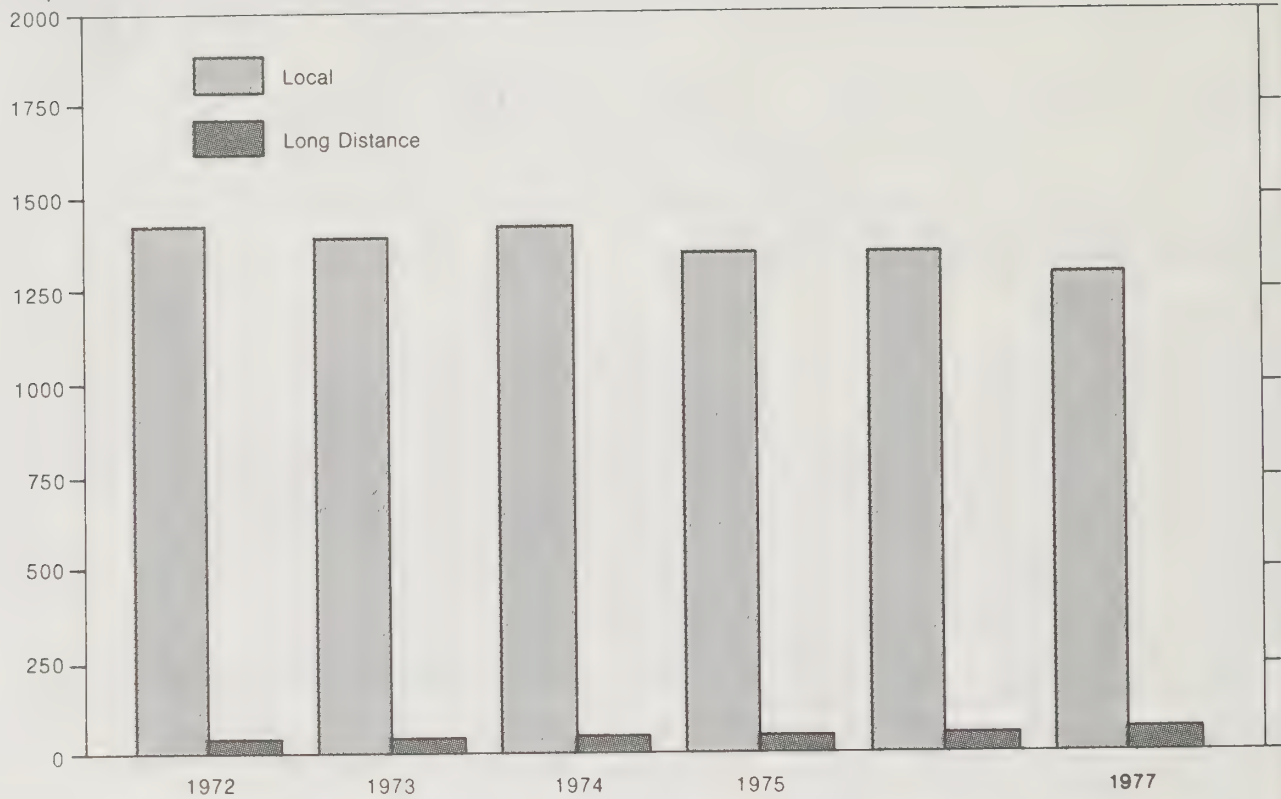
- **Radio and Television** — Of the 102 originating television stations in Canada in 1979, Ontario had 28.4 per cent. There are a total of 115 stations in Ontario, 29 of which are originating stations and 86 rebroadcasters.

Of the 390 originating AM stations in Canada 25.6 per cent in Ontario. Of the 168 originating FM stations, 44.0 per cent broadcast in Ontario. 6.3 per cent of the 174 originating radio stations in Ontario broadcast in languages other than English.

- **Print** — In 1977, of a total stock of 42.7 million books in all Canadian public libraries, 22.2 million or 51.9 per cent were in Ontario libraries.

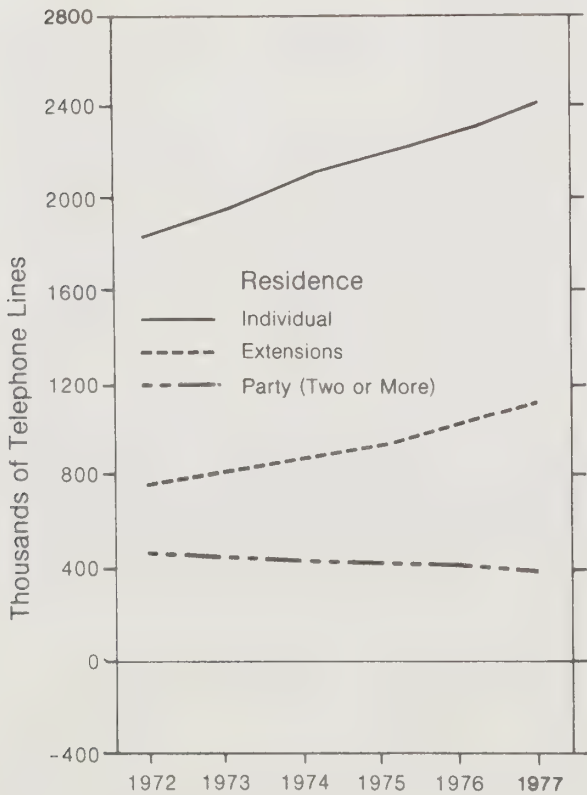
Of the three leading newspapers in Toronto (The Star, The Globe and Mail and The Sun), The Star represented 52.9 per cent of the circulation in 1978.

Graph 10.A
Telephone Calls Per Telephone, Ontario, 1972-1977

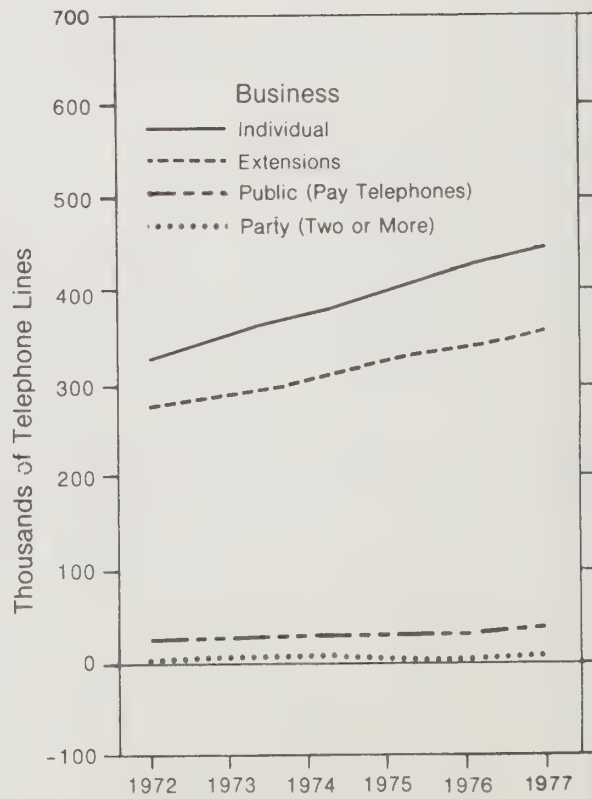


Refer to Table 10.2.

Graph 10.B
Telephones by Type of Service, Ontario, 1972-1977



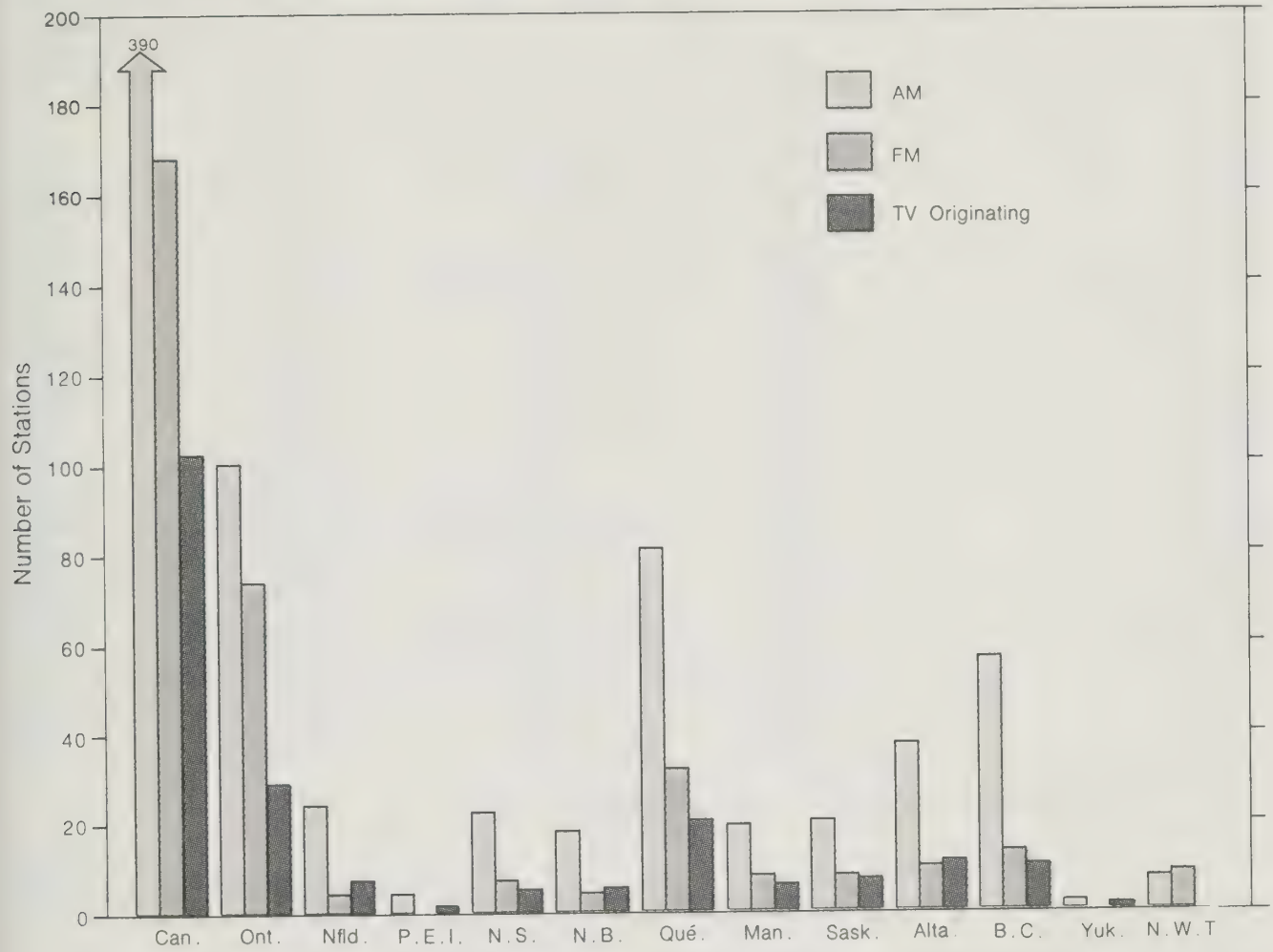
Refer to Table 10.3.



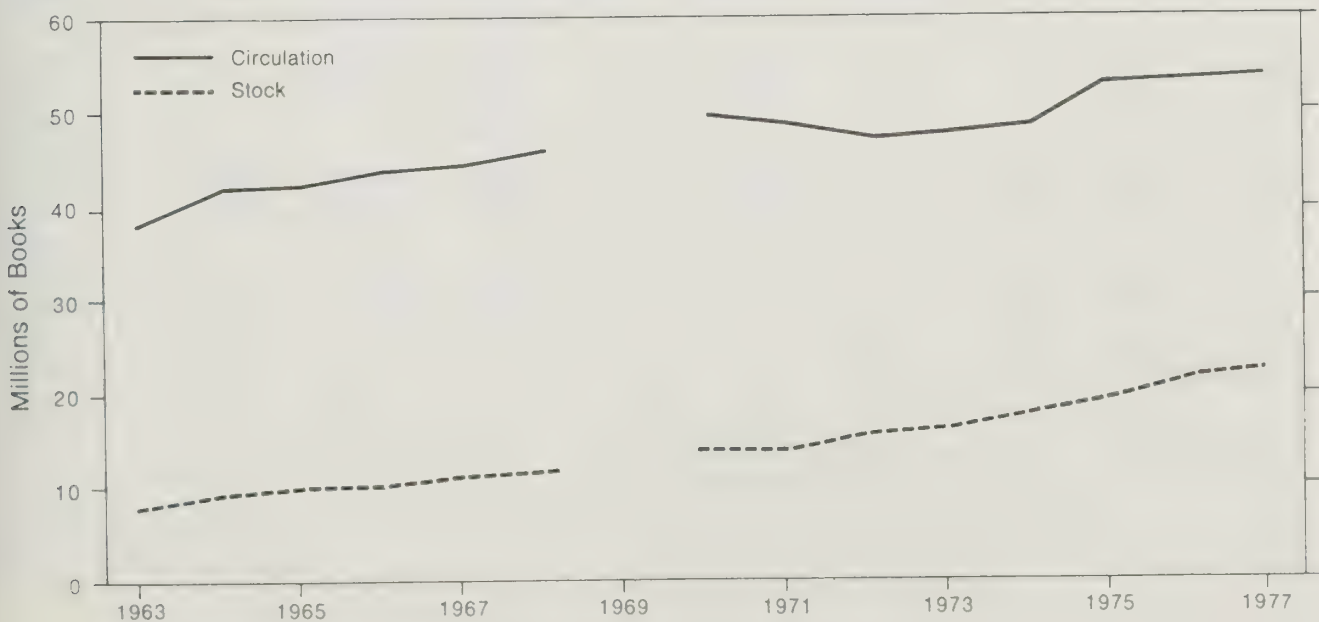
Refer to Table 10.3

Graph 10.C

AM, FM and TV Originating Stations, Canada and Provinces, March, 1979



Refer to Tables 10.5 and 10.6

Graph 10.DStock and Circulation for all Public Libraries, Ontario, 1963-1977¹¹No values for 1969

Refer to Table 10.7

Table 10.1
Telephones in Selected Telephone Exchanges, Ontario, 1977

	Residence	Business	Total	Number of Telephones Per 100 Population
Toronto ²	1,096,461	592,898	1,689,359	78.8
Ottawa ¹	258,769	183,624	442,393	78.2
Hamilton	151,990	62,825	214,815	59.3
London	129,604	53,582	183,186	63.6
Windsor	93,558	34,678	128,236	59.9
Kitchener-Waterloo	89,541	34,196	123,737	58.9
St. Catharines	64,954	21,364	86,318	55.3
Thunder Bay	52,642	30,580	83,222	68.4
Cooksville	57,597	23,257	80,854	61.5
Kingston	47,936	21,546	69,482	66.2
Oshawa	56,546	16,107	72,653	58.1
Sudbury ³	43,445	19,432	62,877	59.9
Burlington	51,073	13,815	64,888	57.4
Brampton	50,652	18,671	69,323	53.4
Guelph	38,974	14,130	53,104	57.1
Sault Ste. Marie	35,983	12,489	48,472	59.8
Sarnia	33,039	15,008	48,047	60.8
Peterborough	34,010	14,047	48,057	60.1
Niagara Falls	32,579	12,574	45,153	57.9
North Bay	23,015	10,588	33,603	65.4
Chatham	23,517	9,198	32,715	55.4
Barrie	22,336	10,141	32,477	62.5
Cornwall	21,387	8,341	29,728	59.5

1) Includes Hull, Quebec.

2) Includes Weston, Willowdale-Don Mills, New Toronto-Islington, Scarborough, Agincourt.

3) Includes Copper Cliff.

Source: SC, *Telephone Statistics*.

Table 10.2
Telephone Calls, Canada and Ontario¹, 1972-1977

	Telephone Calls			Calls Per Telephone			Total Calls Per Capita
	Local	Long Distance	Total	Local	Long Distance	Total	
1972							
Canada	17,776,963,291	571,944,146	18,348,907,437	1,618	52	1,670	835
Ontario	10,349,059,189	373,692,425	10,722,751,614	1,428	53	1,481	768
1973							
Canada	18,396,642,840	658,248,372	19,054,890,212	1,575	56	1,631	854
Ontario	10,824,511,461	421,568,391	11,246,079,852	1,415	56	1,471	795
1974							
Canada	19,936,758,111	764,248,373	20,701,006,484	1,601	61	1,662	914
Ontario	11,717,950,961	477,372,169	12,195,323,130	1,446	59	1,505	851
1975							
Canada	20,340,604,808	853,504,660	21,194,109,648	1,545	65	1,610	922
Ontario	11,605,530,453	522,443,105	12,127,973,558	1,363	61	1,424	836
1976							
Canada	21,301,348,468	917,812,442	22,219,160,910	1,534	66	1,600	953
Ontario	6,948,953,215 ^r	356,657,927 ^r	7,305,611,142 ^r	1,299 ^r	68 ^r	1,367 ^r	870 ^r
1977							
Canada	22,249,409,663	991,434,363	23,240,844,026	1,536	68	1,604	991
Ontario	7,336,043,177	372,325,955	7,708,369,132	1,316	68	1,384	913

¹⁾ 1972-1975 includes data of Bell Canada, which operates in Québec, Ontario and the Northwest Territories.

Source: SC, *Telephone Statistics*.

Table 10.3
Telephones by Type of Service, Canada and Ontario, 1972-1977

	On Individual Lines		On 2 (or more) Party lines		Extensions		Public Pay Telephones	Other Types ¹	Total Telephones
	Residence	Business	Residence	Business	Residence	Business			
1972									
Canada	4,802,733	883,996	1,334,263	33,938	1,666,970	738,095	82,246	1,444,900	10,987,141
Ontario	1,860,679	333,702	468,227	9,875	755,078	283,208	29,737	608,290	4,348,796
1973									
Canada	5,121,108	954,687	1,316,325	33,813	1,811,579	795,424	83,987	1,560,521	11,677,444
Ontario	1,974,336	357,874	456,826	9,676	804,809	292,583	30,927	664,274	4,588,305
1974									
Canada	5,464,034	1,005,782	1,287,891	35,144	2,010,622	835,049	85,835	1,729,974	12,454,331
Ontario	2,102,533	379,602	432,612	10,826	874,414	310,156	32,023	715,371	4,857,537
1975									
Canada	5,769,742	1,086,725	1,272,583	34,076	2,194,210	904,922	89,431	1,813,321	13,165,010
Ontario	2,207,281	404,290	424,232	9,082	932,104	327,437	33,719	753,564	5,091,709
1976									
Canada	6,052,752	1,148,650	1,255,480	34,440	2,450,174	958,662	92,663	1,892,234	13,885,055
Ontario	2,307,055	424,837	413,082	9,012	1,040,237	342,431	35,040	777,554	5,349,248
1977									
Canada	6,324,122	1,208,711	1,222,678	34,421	2,632,349	1,002,421	97,674	1,965,405	14,487,781
Ontario	2,408,511	445,475	395,946	8,716	1,117,539	356,779	37,750	803,351	5,574,067

¹⁾ Other types include mobile, centrex, and PBX telephones as well as Wide Area Telephone service lines (WATS).

Source: SC, *Telephone Statistics*.

Table 10.4

Summary of Pole Line, Wire Mileage, Number of Offices and Telegrams Sent, Canada and Ontario, 1970–1977

	Pole Line Mileage ¹	Wire Mileage	Number of Offices	Telegrams Sent
1970				
Canada	49,813	553,644	1,209	6,905,695
Ontario	11,356	177,820	244	2,796,860
1971				
Canada	42,328	739,836	1,082	5,887,962
Ontario	10,700	172,795	235	2,371,740
1972				
Canada	40,267	761,545	821	5,051,696
Ontario	9,638	177,212	150	1,758,148
1973				
Canada	37,832	754,608	805	3,454,264
Ontario	9,493	169,775	140	1,054,838
1974				
Canada	35,787	748,065	554	3,743,340
Ontario	8,679	147,708	88	1,278,421
1975				
Canada	32,152	767,609	443	4,115,209
Ontario	6,935	144,365	71	1,454,705
1976				
Canada	30,500	813,770	402	2,746,945
Ontario	6,731	143,385	60	1,062,594
1977				
Canada	28,543	846,445	347	2,311,817
Ontario	5,845	162,750	42	891,788

1) Excludes pole line mileage in Canada leased from telephone and power companies.

Source: SC, *Telecommunications Statistics*.**Table 10.5**

Television Stations, by Language, Canada and Provinces, March 1979

	Originating Stations ¹				Rebroadcasters ²				Total TV Stations
	Eng.	Fr.	Multi. ³	Total	Eng.	Fr.	Multi. ³	Total	
Canada	76	25	1	102	758	184	1	943	1,045
Ontario	26	2	1	29	59	27	–	86	115
Newfoundland	7	–	–	7	107	3	–	110	117
Prince Edward Is.	1	–	–	1	1	1	–	2	3
Nova Scotia	4	1	–	5	34	7	–	41	46
New Brunswick	3	2	–	5	14	8	–	22	27
Québec	3	17	–	20	27	100	1	128	148
Manitoba	5	1	–	6	43	8	–	51	57
Saskatchewan	7	–	–	7	61	12	–	73	80
Alberta	10	1	–	11	89	10	–	99	110
British Columbia	9	1	–	10	279	7	–	286	296
Yukon	1	–	–	1	17	–	–	17	18
Northwest Territories	–	–	–	–	27	1	–	28	28

1) Originating Stations; originate (in whole or in part) a daily program schedule.

2) Rebroadcasting Stations; rebroadcast the program schedule of another station.

3) Multilingual Stations; broadcast in languages other than English or French.

Source: Canadian Radio-Television and Telecommunications Commission.

Table 10.6
AM and FM Stations, by Language, Canada and Provinces, March 1979

	Originating Stations ¹						Rebroadcasters ²																	
	English			French			Multi-lingual ³			Total			English			French			Multi-lingual ³			Total		
	AM	FM		AM	FM		AM	FM		AM	FM		AM	FM		AM	FM		AM	FM		AM	FM	
Canada	295	128		86	28		9	12		390	168		252	166		87	81		1	1		340	248	
Ontario	91	72		6	1		3	1		100	74		46	28		23	14		-	-		69	42	
Newfoundland	24	3		-	-		-	1		24	4		20	22		2	2		-	-		22	24	
Prince Edward Island	4	-		-	-		-	-		4	-		-	1		-	-		-	-		-	1	
Nova Scotia	22	7		-	-		-	-		22	7		8	2		11	4		-	-		19	6	
New Brunswick	15	4		3	-		-	-		18	4		8	1		5	2		-	-		13	3	
Québec	9	4		72	25		-	3		81	32		19	16		36	39		-	-		55	55	
Manitoba	15	8		1	-		3	-		19	8		5	21		2	4		-	-		7	25	
Saskatchewan	18	6		2	1		-	1		20	8		1	9		2	2		-	-		1	11	
Alberta	35	10		2	-		-	-		37	10		22	22		3	7		-	-		25	29	
British Columbia	55	12		-	1		1	-		56	13		98	39		5	7		-	-		103	46	
Yukon	2	-		-	-		-	-		2	-		12	1		-	-		-	-		12	1	
N.W.T.	5	2		-	-		2	6		7	8		13	4		-	-		1	1		14	5	

1) Originating stations; originate (in whole or in part) a daily program schedule.
2) Rebroadcasting station; rebroadcasts the program schedule of another station.
3) Multilingual stations; broadcast in languages other than English or French.

Source: Canadian Radio-Television and Telecommunications Commission.

Table 10.7**Stock¹ and Circulation for All Public Libraries, Canada and Ontario, 1960–1977**

	Stock		Circulation	
	Canada	Ontario	Canada	Ontario
	'000's			
1960	13,867	6,701	56,187	30,186
1961	14,528	7,287	60,268	33,189
1962	15,580	7,637	65,144	35,782
1963	16,609	8,133	70,418	38,640
1964	18,981	9,221	76,178	41,723
1965	20,192	9,709	78,289	42,091
1966	20,573	9,737	80,824	43,651
1967	21,635	10,464	81,789	44,441
1968	23,009	10,927	88,856	46,218
1969	..	..	..	..
1970	26,926	13,607	96,324	49,842
1971	27,647	13,700	97,337	49,324
1972	30,805	15,711	95,568	47,807
1973	33,018	16,889	99,334	48,619
1974	34,870	18,018	100,938	49,642
1975	37,795	19,434	108,044	53,108
1976	40,121	21,643	112,240	53,633
1977	42,722	22,194	114,648	53,548

1) Stock includes books and other materials catalogued as books, newspapers and periodical titles, audio-visual, microfilm and other non-print.

Source: SC, Education, Science and Culture Division.

Table 10.8Circulation¹ of Selected Daily Newspapers, Ontario, 1973–1978

		1973		1974		1975	
		Excluding Bulk ⁸	In City Zone ²	Excluding Bulk ⁸	In City Zone ²	Excluding Bulk ⁸	In City Zone ²
		Total Circulating					
Toronto	Star ³	506,679	337,081	502,802	409,681 ⁴	484,427	395,928 ⁴
	Globe and Mail ³	264,676	121,638	264,373	116,396	251,126	186,978 ⁹
	Sun ³	89,213	78,821	107,662	92,074	108,494	101,251 ¹⁰
Hamilton	Spectator	134,855	107,355	136,338	108,578	136,149	108,799
London	Free Press ⁵	124,254	59,703	127,170	61,153	123,721	59,987
Ottawa	Citizen ⁵	91,622	73,158	94,459	74,433	92,513	72,549
	Journal ⁵	82,719	52,659	87,507	55,027	81,499	51,935
	Le Droit ⁵	42,446	30,352	42,980	30,873	42,870	31,206
Windsor	Star ⁵	84,056	58,214	84,370	58,883	84,248	59,256
Kitchener	Record	60,320	39,679	62,224	41,059	63,762	41,802
St. Catharines	Standard	38,272	28,387	38,563	28,555	39,717	29,377
Sudbury	Star ⁵	39,724	20,518	38,296	19,623	34,096	17,769
Kingston	Whig-Standard	33,022	18,493	33,260	18,264	33,997	18,430
	Times-News/Chronicle-Journal ⁶	32,837	26,412	32,708	25,995	31,901	25,146
Brantford	Expositor	28,082	17,488	28,315	17,851	28,255	17,990
Oshawa	Times	24,267	20,551	25,061	21,285	24,602	21,030
Peterborough	Examiner	25,577	15,532	25,050	15,370	23,780	15,063
Sault Ste. Marie	Star	23,073	18,567	23,140	18,458	22,706	18,028
Niagara Falls	Review	19,416	15,346	19,851	16,167	19,851	16,066
Welland	Tribune	19,349	14,246	18,826	14,215	17,705	13,746
Guelph	Mercury	18,107	13,539	18,188	13,765	17,474	13,637
Cornwall	Standard						
	Freeholder ³	14,664	10,107	15,053	10,315	14,665	10,138
Cambridge	Daily Reporter	13,900	12,450	13,700	12,290	13,564	12,170
	Daily Times ³	8,242	6,236	8,555	6,388	8,555	6,240
Brampton							

Table 10.8 (cont'd)
Circulation¹ of Selected Daily Newspapers, Ontario, 1973–1978

		1976		1977		1978	
		Excluding Bulk ⁸	In City Zone ²	Excluding Bulk ⁸	In City Zone ²	Excluding Bulk ⁸	In City Zone ²
		Total Circulating					
Toronto	Star ³	488,942	398,069 ⁴	492,254	399,606 ⁴	486,286	393,630 ⁴
	Globe and Mail ³	259,042	190,873 ⁹	262,821	190,650 ⁹	263,079	191,697 ⁹
	Sun ³	125,783	117,750 ¹⁰	143,378	132,483 ¹⁰	175,604	153,999 ¹⁰
Hamilton	Spectator	137,579	110,214	139,960	112,251	143,618	115,237
London	Free Press ⁵	124,798	60,040	125,042	60,877	130,027	64,071
Ottawa	Citizen ⁵	98,866	77,400	107,149	83,127	109,737	84,548
	Journal ⁵	81,194	50,706	77,728	47,113	71,604	43,355
	Le Droit ⁵	42,778	31,408	44,849	32,179	45,035	32,009
Windsor	Star ⁵	84,004	59,791	85,953	60,931	88,362	62,305
Kitchener	Record	64,348	42,262	66,352	43,440	..	..
St. Catharines	Standard	41,043	30,293	42,223	30,875	42,694	31,259
Sudbury	Star ⁵	35,062	18,413	34,337	17,859	33,072	18,306
Kingston	Whig-Standard	35,401	18,902	35,198	18,471	..	..
Thunder Bay	Times-News/Chronicle-Journal ⁶	33,232	26,030	33,529	25,629	33,612	25,685
Brantford	Expositor	28,558	18,200	29,655	18,928	30,469	19,620
Oshawa	Times	23,635	21,061	24,201	21,285	24,035	21,266
Peterborough	Examiner	24,037	15,393	24,034	15,291	23,712	15,388
Sault Ste. Marie	Star	23,292	18,411	23,292	18,411	24,185	19,010
Niagara Falls	Review	19,852	16,247	20,425	16,984	20,820	17,220
Welland	Tribune	18,262	14,159	18,692	14,950	18,826	14,885
Guelph	Mercury	17,187	13,828	16,406	13,357	17,190	13,903
Cornwall	Standard Freeholder ³	15,226	10,390	15,601	10,632	16,116	10,973
Cambridge	Daily Reporter	13,707	12,363	13,707	12,363	13,173	11,942
Brampton	Daily Times ³	8,427	7,168	8,005	6,790	8,219	7,627

1) Circulation is for 12 month periods ending December 31 unless otherwise noted. It represents the daily average paid circulation.

2) City zone refers to the corporate limits of the particular urban area.

3) Circulation is for 12 month periods ending September 30.

4) In 1974, the Star stopped reporting "City Zone Circulation". These figures represent, instead, the Star's "Primary Market Area" which, in this case, is coextensive with the Census Metropolitan Area (CMA).

5) Circulation is for 12 month periods ending March 31.

6) Circulation is for 12 month periods ending June 30.

7) These figures are a total for the "Time-Journal" and "News Chronicle" before they merged.

8) Excluding bulk refers to those newspaper copies which are purchased by an agent such as an airline, restaurant, hotel etc. and distributed free to clients of the agent as a means of promoting the agents' business. It is not considered paid circulation under the Audit Bureau regulations.

9) In 1975, the Globe and Mail stopped reporting "City Zone Circulation". These figures represent, instead, the Globe and Mail's "Primary Market Area" (PMA). The PMA for the Globe and Mail is not coextensive with the CMA but rather is that area in which it gives primary advertising and editorial coverage.

10) In 1975, the Sun stopped reporting "City Zone Circulation". These figures represent, instead, the Sun's "Primary Market Area" which, in this case, is coextensive with the Census Metropolitan Area (CMA).

Source: Audit Bureau of Circulations.

Table 10.9Selected Magazines Ranked by Circulation¹, Canada and Ontario, 1973–1978

	1973		1974		1975	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
Reader's Digest	1,215,484	571,252	1,229,128	575,664	1,164,497	518,250
Chatelaine (English)	972,561	440,287	962,830	439,231	1,009,767	467,151
T.V. Guide	999,689	578,123	906,698 ²	607,982 ²	928,629	586,699
Maclean's	721,468	333,107	708,906	322,584	720,274	321,521
Time	540,489	231,546	545,149	233,762	513,910	220,604
Legion	368,900	137,515	412,855	152,699	440,953	162,347
Chatelaine (French)	279,605	12,892	260,738	12,906	297,263	13,256
Selection du Reader's Digest (French)	256,022	8,012	254,196	7,705	253,329	7,950
T.V. Hebdo (French)	226,927	3,959	266,334	4,044	234,384	3,561
Miss Chatelaine	173,340	74,862	156,799	65,999	147,577	66,404
L'Actualité ³	162,422	9,935	150,061	9,480	147,092	8,075
Toronto Life	22,399	21,924	25,232	24,859	42,578	42,001

Table 10.9 (cont'd)Selected Magazines Ranked by Circulation¹, Canada and Ontario, 1973–1978

	1976		1977		1978	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
Reader's Digest	1,169,458	501,392	1,208,624	502,232	1,226,781	515,165
Chatelaine (English)	969,178	450,836	992,738	457,784	1,018,931	485,404
T.V. Guide ²	1,006,842 ¹	610,117 ¹	1,056,231	637,453	1,067,632	632,206
Maclean's	653,720	297,840	653,963	294,226	660,660	299,897
Time	354,804	149,418	335,346	137,827	348,638	141,678
Legion	466,248	171,639	490,122	178,437	495,679	179,849
Chatelaine (French)	264,028	13,397	277,730	12,688	275,261	14,997
Selection du Reader's Digest (French)	268,810	7,783	298,826	9,907	302,564	9,323
T.V. Hebdo (French)	285,424	3,729	430,937	5,305	291,222	3,768
Miss Chatelaine	171,470	81,105	186,379	82,721	165,298	79,555
L'Actualité ³	249,973	12,029	237,302	11,672	232,313	12,059
Toronto Life	53,105	52,220	63,365	62,154	69,914	68,482

¹ Circulation figures are based on a selected issue of the particular magazine for each year.² Refers to Toronto-Lake Ontario Issue. This magazine is now Canadian owned. In previous years circulation was derived from the surplus of U.S. sales.³ Merger of Le Maclean and L'Actualité.

Source: Audit Bureau of Circulations.

Part 2

Economic Series

Labour

Highlights

- **Labour Force** — In Canada in 1976 the labour force represented 44.6 per cent of the population compared with 40.9 per cent of the population in 1971; in Ontario in 1976, the labour force represented 46.7 per cent of the population compared with 44.3 per cent in 1971.

Participation rates by women in the labour force in 1978 were the highest they have been in the period 1953–1978 in Ontario. The rate was 51.5 per cent (of the population 15 years of age and over), up from 49.8 per cent (of the population 15 years of age and over) in 1977. The male participation rate in 1978 in Ontario was 80.1 per cent. The highest participation rate in Ontario in 1978 occurred in the 25-44 age bracket where 80.3 per cent of the population were part of the labour force.

In 1978, of 4.1 million persons in the labour force in Ontario, 59.8 per cent were male and 40.2 per cent were female. In Canada, 61.1 per cent of 10.9 million persons in the labour force were male and 38.9 per cent were female. Of Ontario's labour force in 1978, 138,000 (up 3.8 per cent from 1977) were classified as being in the agricultural labour force. Of such persons, 70.3 per cent were male.

- **Employment** — From 1968 to 1978 the Ontario labour force grew from 2.9 million to 4.1 million, an increase of 42.2 per cent. In 1978, the service industry accounted for 39.9 per cent; manufacturing for 24.3 per cent; trade for 16.9 per cent; transportation and other utilities for 7.3 per cent; construction for 6.3 per cent; and primary industries 4.7 per cent.

In 1978, average hourly earnings in manufacturing were \$6.91; Sarnia had an average hourly earning in manufacturing of \$8.97 while Toronto's was \$6.37. Average weekly hours worked in manufacturing in Ontario in 1978 was 39.3; for Canada, the figure was 38.8 hours.

With 1961 as the base year, the employment index for the industrial composite for Canada increased to 146.5 in 1978, to 151.2 for Ontario and to 179.5 and 160.6 for Ottawa-Hull and Toronto, respectively. In the service industries, the employment index for Canada was 260.7 for Ontario 271.6 for Ottawa-Hull 319.3 and for Toronto 282.1.

From 1977 to 1978 the employment index for the industrial composite in Ontario rose 3.2; in that period, male employment increased 2.6 per cent and female employment rose 5.2 per cent. For 1973 to 1974 the employment index for the industrial composite in Ontario had increased by 6.3. During the period 1977 to 1978, employment in the service industries (including finance and public administration) increased 3.1 per cent, while employment in the manufacturing industries increased from 907,000 to 943,000. The service industries accounted for 40.4 per cent of Ontario's 3.8 million jobs.

In 1978, 7.2 per cent of the labour force was unemployed in Ontario. There were 300,000 unemployed persons in Ontario in 1978 (based on the annual average). Of these, 36,000 or 12.0 per cent were not members of family units; of the 88.0 per cent unemployed who were members of family units, 28.0 per cent were heads of the units and 36.4 per cent were single sons or daughters.

Of the 300,000 who were unemployed in Ontario in 1978 (based on annual averages), 15.7 per cent were classified in the processing occupations, 17.7 per cent were clerical, and 10.3 per cent were in construction.

61.3 per cent of the unemployed in Ontario in 1978 were jobless for a period under 3 months.

Of 39,500 job vacancies in Canada in the fourth quarter of 1978, 43.8 per cent were in Ontario. Of the job vacancies in the fourth quarter in Ontario, 15.0 per cent were in the clerical and related occupations and 19.7 per cent were in the product fabricating. By industry, 43.4 per cent of the Ontario fourth quarter vacancies were in manufacturing and 21.4 per cent were in community, business and personal services.

- **Industrial Relations** — The 3.1 million union members in Canada in 1977 represented an increase of 3.5 per cent over the previous year's total. In 1977, Ontario had 35.8 per cent of the union members in Canada.

Of a total of 7,307 collective agreements of reporting labour organizations in Ontario in 1976, 78.9 per cent involved international unions.

Ontario lost over 3.0 million man-days during 1978 because of strikes and lockouts, an increase of 167.8 per

cent over 1977. The number of employees involved was 121,771, or 441 per strike or lockout; and averaged 24.4 man-days per employee involved in a strike or lockout.

Definitions

Labour Force — The civilian labour force is composed of that portion of the civilian non-institutional population 15 years of age and over (14 years of age and over before 1975) who, during the reference week, were employed or unemployed. Note regarding labour force data in this section: Data for 1975 and on are based on the Revised Labour Force Survey introduced in January, 1976. Data shown prior to 1975 are based on the former survey and are not revised.

Employed — The employed includes all persons who, during the reference week:

- (a) did any work for pay or profit;
- (b) did any work which contributed to the running of a farm or business operated by a related member of the household; or
- (c) had a job but were not at work, because of bad weather, illness, industrial dispute, or vacation, or because they were taking time off for other reasons.

Not in the Labour Force — Those not in the labour force include all civilians 15 years of age and over (14 years of age and over before 1975), exclusive of institutional population, who are not classified as employed or unemployed. This category includes those going to school, keeping house, too old or otherwise unable to work, and voluntarily idle or retired. Housewives, students and others who worked part-time are classified as employed. If they looked for work they are classified as unemployed.

Participation Rate — The participation rate represents the labour force as a percentage of the population 15 years of age and over (14 years of age and over before 1975). The participation rate for a particular group (age, sex, marital status, etc.) is the labour force in that group expressed as a percentage of the population for that group. Seasonally-adjusted participation rates are obtained by direct adjustment (i.e. by dividing the unadjusted participation rate by the seasonal factor).

Industrial Composite — Represents the sum of the industries included in the mail survey of the Labour Division of Statistics Canada.

Unemployment Rate — The unemployment rate represents the number of unemployed persons as a per cent of the labour force. The unemployment rate for a particular group (age, sex, marital status, etc.) is the unemployment in that group expressed as a per cent of the labour force for that group. Seasonally-adjusted rates are calculated by dividing seasonally-adjusted unemployment by the sum of seasonally-adjusted employment and seasonally-adjusted unemployment (i.e. seasonally-adjusted labour force by summation).

Unemployed — The unemployed includes all persons who, through the reference week:

- (a) were without work and seeking work, i.e., did not work during the reference week and were looking for work or would have been looking for work except that they were temporarily ill, were on indefinite or prolonged layoff, or believed no suitable work was available in the community; or
- (b) were temporarily laid off for the full week, i.e., were waiting to be called back to a job from which they had been laid off for less than 30 days.

The Unemployed: Family Data — A family unit is defined as "a group of two or more persons living together in the same dwelling and who are related by blood, marriage or adoption". A person living alone or who is related to no one else in the dwelling where he lives is classified as "Non-members of family units". The head of a family unit is defined generally as the person who is mainly responsible for the maintenance of the unit, however, in families consisting of husband and wife (with or without unmarried children), the husband is designated as the head. In families composed of parent and unmarried child (or children), the parent invariably is recorded as the head of the unit.

Job Vacancy Statistics — Job vacancy data are obtained through a twice monthly sample survey conducted by mail to employers representing approximately 90% of employment in Canada. The survey does not cover agriculture, domestic service, the military and fishing and trapping.

Job vacancies reported must meet the following conditions:

- (a) Jobs must be available immediately (current vacancies);
- (b) Jobs must be vacant for the entire survey day;

- (c) Jobs must be available to persons outside the firm;
- (d) must be jobs which employers tried to fill within four weeks prior to survey day (by advertising, contacting Canada Manpower Centres, interviewing walk-ins, etc.).

The basis of the occupation classification of published vacancy data is the *Canadian Classification and Dictionary of Occupations 1971*. The industrial classification is based on the 1960 *Standard Industrial Classification*.

Full-time vacancies – Vacancies for jobs with minimum duration of four full standard work weeks or full standard work month.

Own Account Workers – Self-employed workers having no employees under them.

AFL-CIO – American Federation of Labor – Congress of International Organizations.

CLC – Canadian Labour Congress.

CSD – La Centrale des Syndicats Democratiques.

CNTU – Confederation of National Trade Unions.

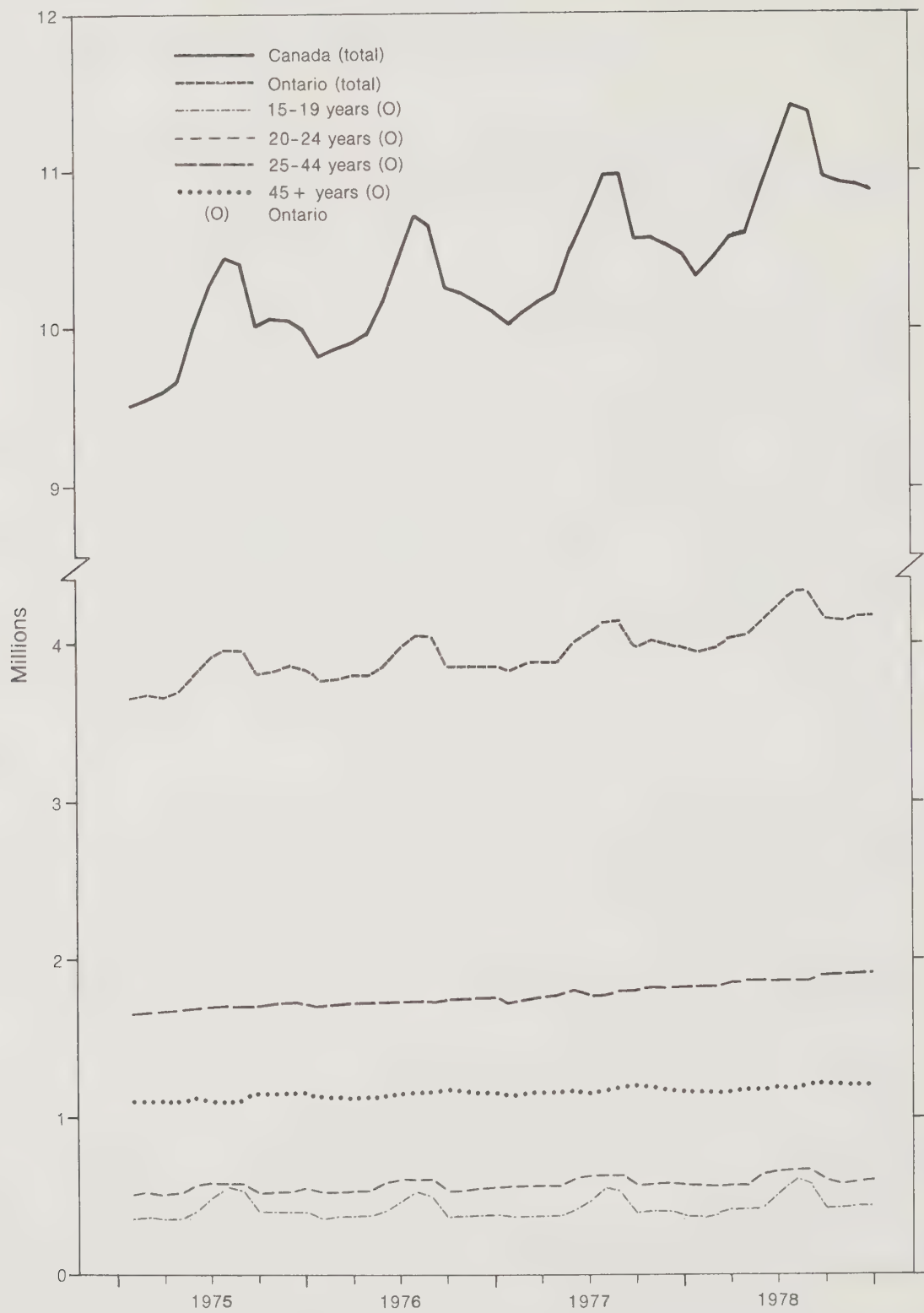
PSAC – Public Service Alliance of Canada.

International Union – A union having headquarters, executive personnel and preponderant membership in the United States.

National Union – Includes national and regional labour unions with headquarters in Canada.

Government Employees' Organizations – Refer to federal and provincial levels of government having bargaining rights covered by legislation.

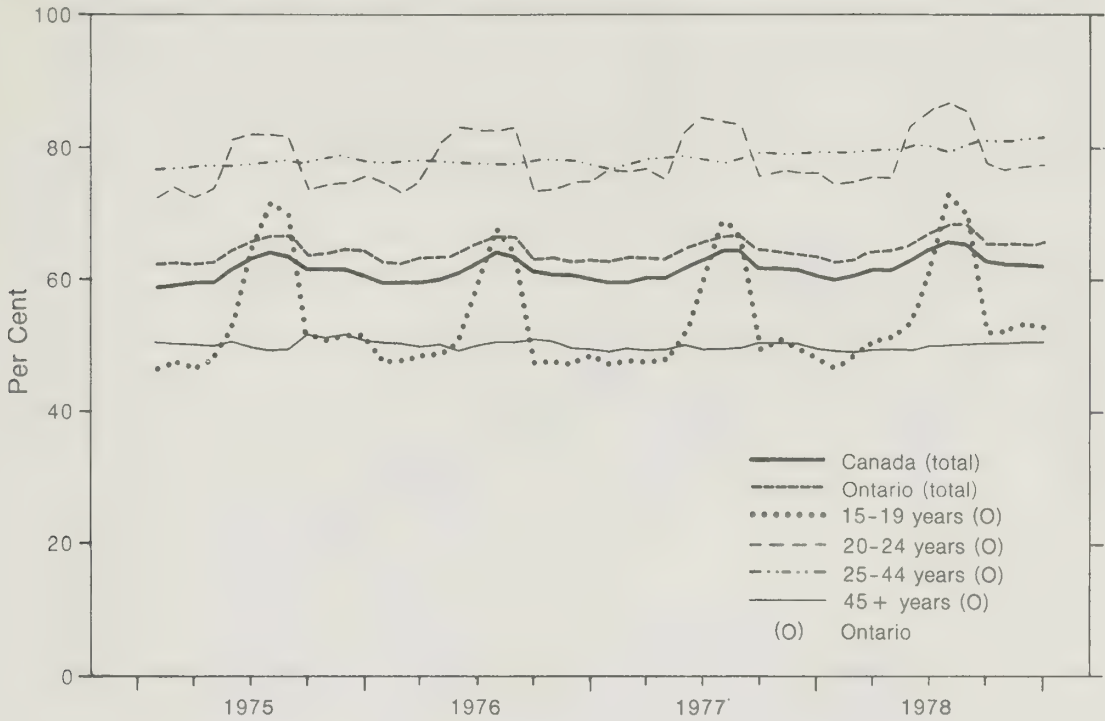
Graph 11.A
The Labour Force, Ontario, 1975-1978¹



Source: SC., Labour Force Survey Division.

Graph 11.B

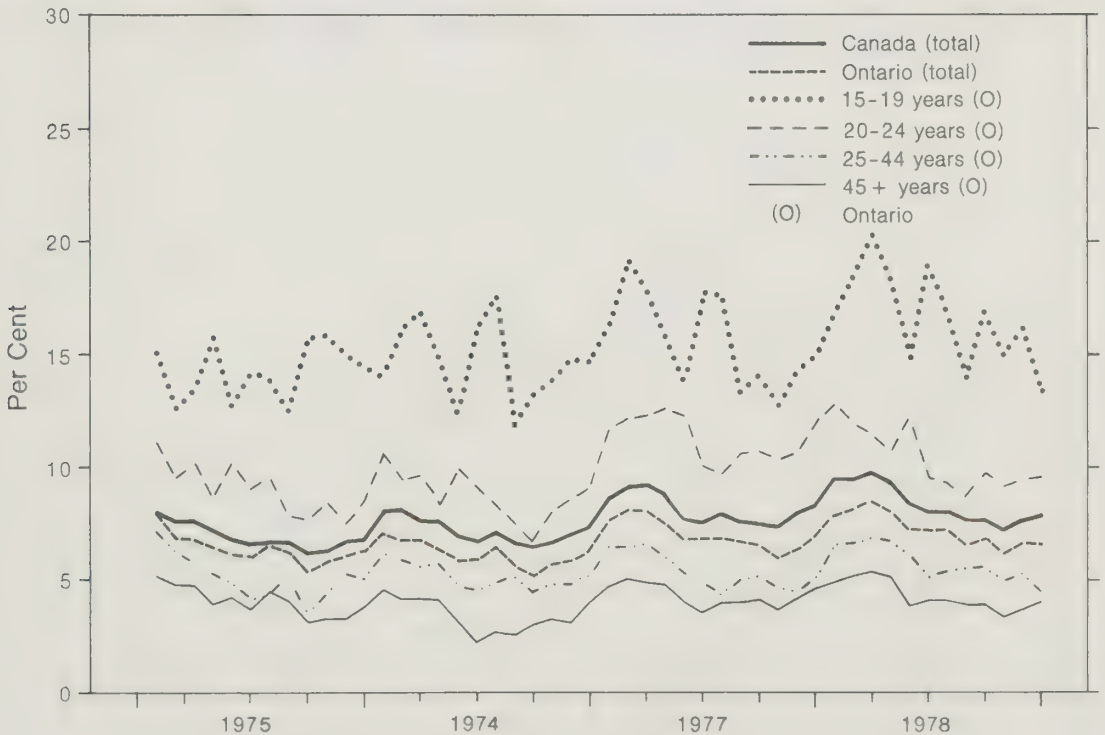
Participation Rates of Population 15 Years of Age and Over, Seasonally-Adjusted
Canada and Ontario, 1975-1978



Source: SC., Labour Force Survey Division.

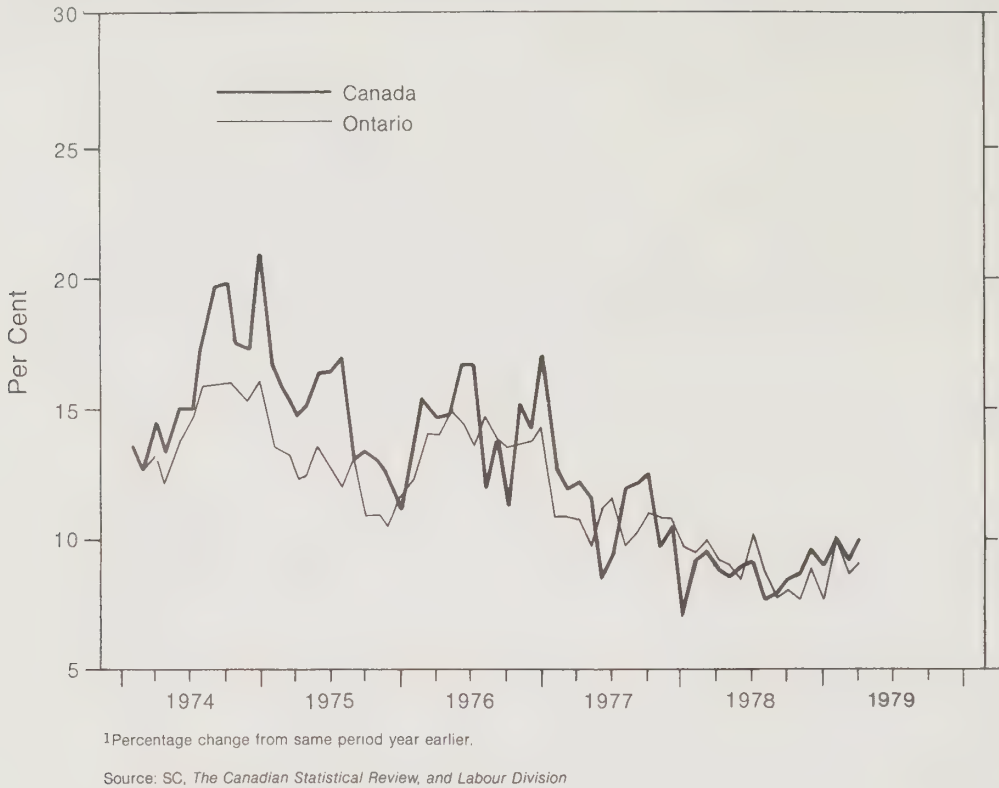
Graph 11.C

Unemployment Rates, Seasonally-Adjusted, Canada and Ontario, 1975-1978

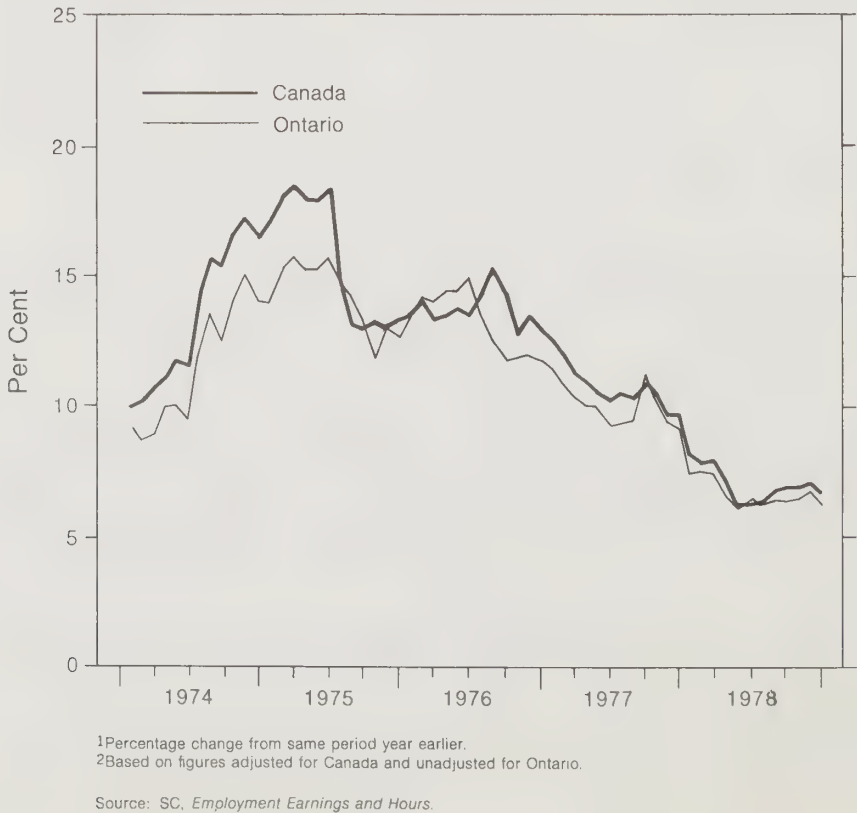


Source: SC., Labour Force Survey Division.

Graph 11.D
Wages and Salaries¹, Canada and Ontario, 1974-1979



Graph 11.E
Average Hourly Earnings¹in Manufacturing, Canada and Ontario, 1974-1978²



Graph 11.F
Strikes and Lockouts, Ontario, 1961-1978

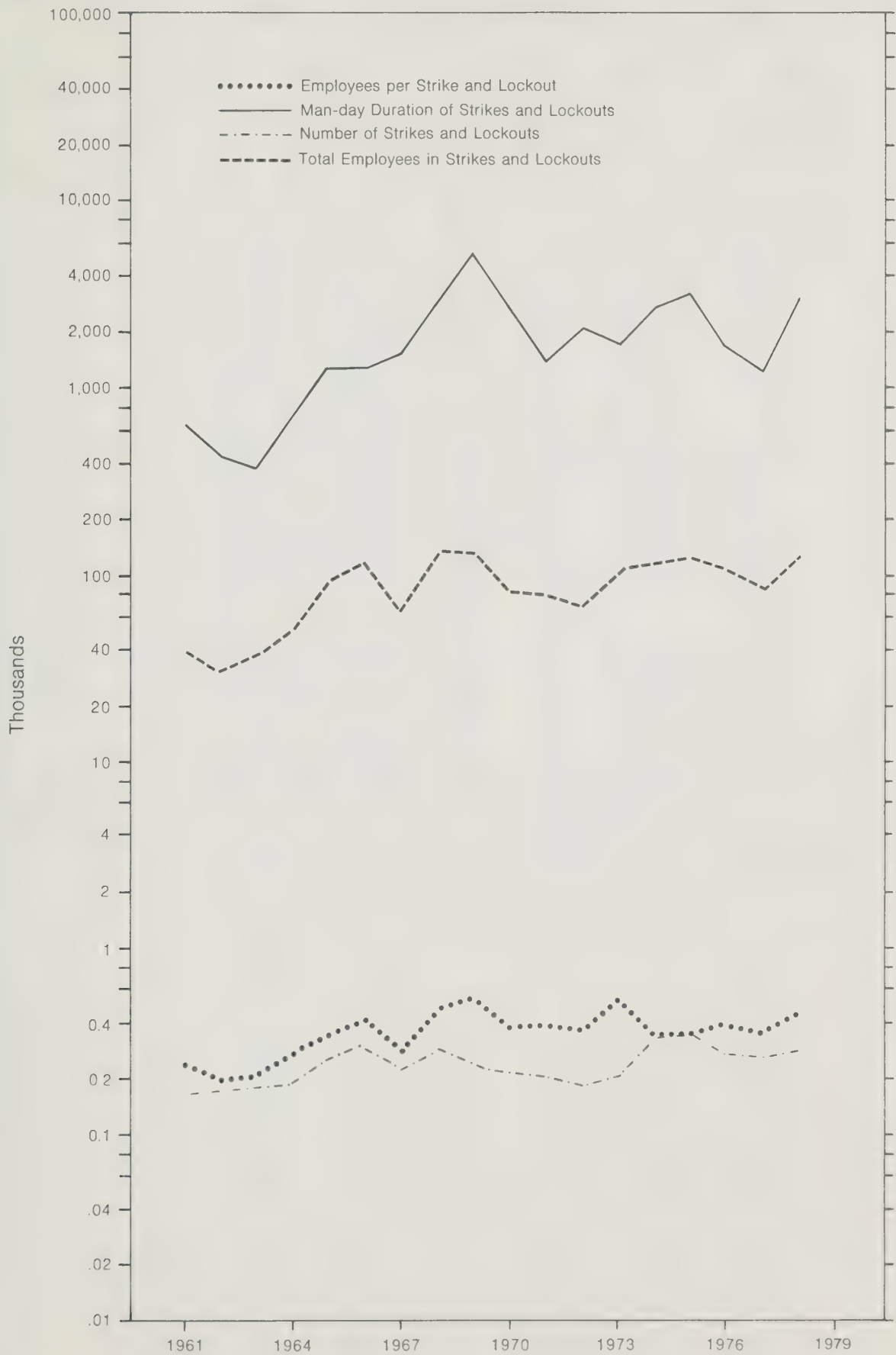


Table 11.1
Labour Force by Age Group, Ontario, 1950-1978

	14-19 ¹		20-24		25-44		45-64		65 +		Total
	Number	% of total	Number	% of total	Number	% of total	Number	% of total	Number	% of total	
	'000's		'000's		'000's		'000's		'000's		'000's
1950	175	9.6	243	13.3	812	44.5	505	27.7	91	5.0	1,826
1951	179	9.6	244	13.0	841	45.0	518	27.7	89	4.8	1,870
1952	174	9.1	242	12.7	876	45.9	526	27.6	92	4.8	1,908
1953	169	8.7	246	12.6	903	46.4	542	27.8	88	4.5	1,948
1954	177	8.8	245	12.1	946	46.8	564	27.9	89	4.4	2,022
1955	178	8.6	244	11.9	975	47.4	575	27.9	86	4.2	2,059
1956	184	8.6	250	11.6	1,014	47.2	604	28.1	95	4.4	2,147
1957	187	8.4	256	11.4	1,062	47.5	635	28.4	98	4.4	2,238
1958	178	7.9	261	11.5	1,079	47.7	653	28.8	93	4.1	2,264
1959	190	8.3	256	11.1	1,095	47.6	669	29.1	92	4.0	2,301
1960	201	8.5	259	10.9	1,124	47.3	701	29.5	92	3.9	2,377
1961	193	8.0	263	11.0	1,128	47.0	725	30.2	91	3.8	2,401
1962	202	8.3	260	10.7	1,128	46.6	741	30.6	91	3.8	2,422
1963	223	9.0	268	10.8	1,135	45.8	764	30.9	86	3.5	2,476
1964	231	9.0	284	11.1	1,158	45.3	788	30.8	94	3.7	2,556
1965	240	9.2	298	11.4	1,174	44.9	814	31.1	90	3.4	2,614
1966 ^r	241	8.8	343	12.6	1,222	44.8	834	30.6	90	3.3	2,729
1967 ^r	249	8.8	375	13.2	1,256	44.4	866	30.6	85	3.0	2,831
1968 ^r	257	8.8	403	13.8	1,280	43.9	891	30.5	87	3.0	2,917
1969 ^r	257	8.5	429	14.2	1,327	44.1	913	30.3	85	2.8	3,011
1970 ^r	276	8.9	450	14.5	1,356	43.7	944	30.4	81	2.6	3,106
1971 ^r	296	9.2	475	14.8	1,404	43.7	963	30.0	77	2.4	3,215
1972 ^r	318	9.6	490	14.7	1,467	44.1	981	29.5	72	2.2	3,329
1973 ^r	347	10.1	497	14.4	1,518	44.1	1,015	29.5	69	2.0	3,445
1974 ^r	378	10.5	528	14.7	1,590	44.3	1,031	28.7	66	1.8	3,592
1975 ^r	425	11.1	550	14.4	1,707	44.7	1,058	27.7	78	2.0	3,818
1976 ^r	416	10.7	567	14.6	1,746	44.9	1,085	27.9	71	1.8	3,885
1977 ^r	430	10.8	595	14.9	1,798	45.0	1,102	27.6	69	1.7	3,994
1978	457	11.0	613	14.8	1,880	45.3	1,125	27.1	72	1.7	4,147

1) For 1966 onward the age bracket is 15-19 years.

Source: SC, *The Labour Force*.

Table 11.2**Summary Labour Force Characteristics by Province, Canada, 1971–1978**

	Partici- pation rates	Labour force	Employed					Unem- ployed	Unem- ployment rates
			All classes of workers			Paid workers			
			Total	Agri- culture	Non-agri- culture	Total	Non-agri- culture		
per cent					'000's			per cent	
Annual Averages									
Canada									
1971 ^r	57.2	8,501	7,958	492	7,466	6,929	6,832	543	6.4
1972 ^r	57.6	8,743	8,191	462	7,729	7,193	7,099	552	6.3
1973 ^r	58.7	9,107	8,598	448	8,150	7,617	7,526	509	5.6
1974 ^r	59.4	9,462	8,951	452	8,499	7,941	7,849	510	5.4
1975 ^r	61.1	9,974	9,284 ^r	483	8,802	8,375	8,238	690	6.9
1976 ^r	61.1	10,206	9,479	472	9,008	8,545	8,403	727	7.1
1977 ^r	61.5	10,498	9,648	464	9,184	8,678	8,535	850	8.1
1978	62.6	10,882	9,972	473	9,498	8,935	8,803	911	8.4
Ontario									
1971 ^r	59.5	3,215	3,045	129	2,916	2,734	2,700	169	5.3
1972 ^r	60.2	3,329	3,168	111	3,057	2,864	2,832	161	4.8
1973 ^r	60.9	3,445	3,305	116	3,188	2,998	2,966	140	4.1
1974 ^r	61.8	3,592	3,443	114	3,329	3,127	3,097	149	4.2
1975 ^r	64.1	3,818	3,576	117	3,459	3,278	3,232	242	6.3
1976 ^r	63.9	3,885	3,645	113	3,533	3,343	3,299	240	6.2
1977 ^r	64.3	3,994	3,714	127	3,588	3,379	3,329	280	7.0
1978	65.5	4,147	3,847	131	3,716	3,485	3,442	300	7.2
Newfoundland									
1971 ^r	42.4	150	133	--	132	118	117	17	11.3
1972 ^r	46.9	157	138	--	138	124	123	18	11.8
1973 ^r	49.8	170	149	--	148	133	132	21	12.2
1974 ^r	49.9	173	147	--	146	132	132	27	15.3
1975 ^r	49.4	176	152	--	150	138	136	25	14.0
1976 ^r	49.4	182	157	--	156	141	140	24	13.4
1977 ^r	50.7	191	161	--	160	146	145	30	15.6
1978	51.7	198	166	--	165	149	149	33	16.4
Prince Edward Island									
1971 ^r	52.6	39	36	7	30	27	25	--	--
1972 ^r	51.7	39	35	5	30	27	25	4	9.5
1973 ^r	52.5	40	38	5	33	30	29	--	--
1974 ^r	53.5	42	39	6	33	31	29	--	--
1975 ^r	56.5	46	42	7	35	33	31	4	8.0
1976 ^r	56.7	47	42	6	37	35	33	4	9.6
1977 ^r	57.0	48	44	6	38	36	33	5	9.9
1978	57.8	50	45	5	40	37	35	5	9.9
Nova Scotia									
1971 ^r	50.1	265	246	9	237	217	214	19	7.3
1972 ^r	50.0	269	250	7	243	223	221	19	7.2
1973 ^r	51.3	282	263	7	256	236	233	18	6.5
1974 ^r	53.2	298	279	8	270	251	248	19	6.5
1975 ^r	55.3	317	292	8	284	264	259	24	7.7
1976 ^r	55.2	323	292	8	284	265	261	31	9.5
1977 ^r	55.2	329	294	7	287	264	260	35	10.6
1978	56.4	342	306	7	299	276	272	36	10.6
New Brunswick									
1971 ^r	49.8	210	195	6	188	174	172	15	7.3
1972 ^r	51.1	220	202	6	196	181	179	18	8.3
1973 ^r	52.6	231	211	7	204	190	188	20	8.9
1974 ^r	53.2	238	217	6	212	197	195	21	8.7
1975 ^r	53.8	248	224	6	218	203	201	24	9.8
1976 ^r	53.6	254	226	6	220	205	202	28	11.0
1977 ^r	53.7	261	226	5	221	207	205	35	13.2
1978	55.0	273	238	4	234	220	218	34	12.6

Table 11.2 (cont'd)
Summary Labour Force Characteristics, by Province, Canada, 1971–1978

	Partici- pation rates	Labour force	Employed					Unem- ployed	Unem- ployment rates
			All classes of workers			Paid workers			
			Total	Agri- culture	Non-agri- culture	Total	Non-agri- culture		
per cent								per cent	
Annual Averages									
Quebec									
1971 ^r	56.2	2,355	2,161	92	2,068	1,907	1,890	194	8.2
1972 ^r	56.0	2,387	2,190	92	2,098	1,942	1,928	197	8.3
1973 ^r	57.6	2,499	2,314	83	2,231	2,075	2,060	185	7.4
1974 ^r	58.0	2,571	2,385	81	2,304	2,143	2,129	186	7.2
1975 ^r	58.5	2,647	2,434	70	2,364	2,262	2,244	214	8.1
1976 ^r	58.3	2,689	2,456	74	2,383	2,267	2,244	233	8.7
1977 ^r	58.9	2,756	2,473	71	2,401	2,267	2,246	284	10.3
1978	59.7	2,827	2,520	72	2,448	2,301	2,280	307	10.9
Manitoba									
1971 ^r	57.6	390	371	46	325	306	299	19	4.9
1972 ^r	57.8	396	378	40	338	315	310	18	4.6
1973 ^r	58.9	409	393	36	357	335	329	16	3.9
1974 ^r	59.7	422	409	41	369	348	341	13	3.1
1975 ^r	60.9	437	417	41	376	361	353	20	4.5
1976 ^r	61.2	447	426	38	388	370	362	21	4.7
1977 ^r	61.7	456	429	42	387	374	363	27	5.9
1978	63.1	471	440	44	397	379	368	31	6.5
Saskatchewan									
1971 ^r	54.0	338	325	89	236	217	208	12	3.6
1972 ^r	54.9	341	327	89	238	220	210	14	4.2
1973 ^r	55.7	345	333	83	250	233	224	12	3.4
1974 ^r	56.2	350	341	84	256	239	231	9	2.7
1975 ^r	59.2	376	365	106	269	258	239	11	2.9
1976 ^r	60.5	394	378	93	285	279	263	15	3.9
1977 ^r	61.5	410	392	98	294	288	270	18	4.5
1978	61.9	421	400	101	299	291	274	21	4.9
Alberta									
1971 ^r	60.6	655	624	89	535	499	486	31	4.7
1972 ^r	61.2	682	651	90	561	527	511	31	4.5
1973 ^r	62.1	715	685	89	596	557	544	30	4.1
1974 ^r	63.1	750	731	92	638	600	584	20	2.6
1975 ^r	66.1	822	788	111	678	665	637	34	4.1
1976 ^r	66.9 ^r	871	837	116	721	707	673	34	4.0
1977 ^r	67.0	909	868	86	782	761	735	41	4.5
1978	68.2	960	915	84	832	802	783	45	4.7
British Columbia									
1971 ^r	57.5	886	822	24	798	730	721	64	7.2
1972 ^r	57.8	923	852	21	830	768	760	71	7.7
1973 ^r	58.6	970	906	20	887	830	822	64	6.6
1974 ^r	59.4	1,024	961	19	942	872	864	63	6.1
1975 ^r	61.1	1,087	995	16	979	914	905	92	8.5
1976 ^r	61.3	1,116	1,020	18	1,002	934	925	96	8.6
1977 ^r	61.5	1,144	1,047	21	1,026	958	948	97	8.5
1978	62.6	1,192	1,093	25	1,068	995	983	98	8.3

Source: SC, *The Labour Force*.

Table 11.3

Employment as a Percentage of Population 14 Years of Age and Over¹, Canada and Ontario, 1953–1978

	Canada	Ontario
1953	51.5	54.1
1954	50.5	53.8
1955	50.6	54.0
1956	51.7	55.6
1957	51.5	55.3
1958	50.1	53.4
1959	50.6	53.7
1960	50.4	53.9
1961	50.2	53.5
1962	50.7	53.8
1963	50.9	54.4
1964	51.6	55.1
1965	52.3	55.3
1966 ^r	54.4	57.1
1967 ^r	54.5	57.1
1968 ^r	54.0	56.9
1969 ^r	54.3	57.4
1970 ^r	53.5	56.6
1971 ^r	53.5	56.3
1972 ^r	53.9	57.3
1973 ^r	55.4	58.4
1974 ^r	56.2	59.2
1975	56.9 ^r	60.1
1976	56.7 ^r	59.9 ^r
1977 ^r	56.6	59.8
1978	57.4	60.7

¹) Excludes inmates of institutions, members of the armed services, Indians living on reserves and residents of the Yukon and Northwest Territories. For 1966 onward, the figures relate to 15 years of age and over.

Source: SC, The Labour Force Survey Division.

Table 11.4
Participation Rates by Sex, Canada and Ontario, 1953–1978

	Total		Male		Female	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
	Per cent					
1953	53.1	55.2	82.9	85.2	23.4	25.9
1954	52.9	55.9	82.2	85.2	23.7	27.1
1955	52.9	55.7	82.1	84.5	23.9	27.5
1956	53.5	56.9	82.2	85.0	24.9	29.4
1957	54.0	57.2	82.3	84.8	25.8	30.1
1958	53.9	56.4	81.7	84.3	26.2	29.1
1959	53.8	56.2	81.0	83.6	26.7	29.6
1960	54.2	57.0	80.7	83.2	27.9	31.4
1961	54.1	56.7	79.8	82.1	28.7	31.9
1962	53.9	56.3	79.1	81.4	29.0	31.9
1963	53.8	56.5	78.5	81.2	29.6	32.5
1964	54.1	57.0	78.1	80.6	30.5	34.0
1965	54.4	56.7	77.9	80.0	31.3	34.1
1966 ^r	56.4	58.6	79.9	81.9	33.6	36.1
1967 ^r	56.8	58.9	79.6	81.4	34.6	37.2
1968 ^r	56.8	59.0	79.0	81.1	35.2	37.8
1969 ^r	57.0	59.2	78.6	80.7	36.0	38.6
1970 ^r	56.9	59.2	78.2	80.2	36.2	38.9
1971 ^r	57.2	59.5	77.8	79.5	37.1	40.2
1972 ^r	57.6	60.2	77.9	80.0	37.8	41.2
1973 ^r	58.7	60.9	78.5	80.0	39.4	42.5
1974 ^r	59.4	61.8	79.0	80.3	40.5	44.0
1975 ^r	61.1	64.1	78.4	80.3	44.4	48.6
1976 ^r	61.1	63.9	77.6	79.3	45.2	49.0
1977 ^r	61.5	64.3	77.6	79.4	46.0	49.8
1978	62.6	65.5	77.9	80.1	47.8	51.5

Source: SC, *Historical Labour Force Statistics*.

Table 11.5
Participation Rates by Age Group, Ontario, 1956–1978

	Total	14-19 ¹	20-24	25-44	45-64	65 +
	Per cent					
1956	56.9	44.4	71.8	64.4	60.5	21.6
1957	57.2	42.9	70.7	65.0	61.8	21.8
1958	56.4	38.9	70.7	64.5	61.8	20.4
1959	56.2	39.1	69.0	64.9	61.9	19.7
1960	57.0	39.3	69.4	66.0	63.3	19.4
1961	56.7	36.0	69.9	66.0	64.0	18.8
1962	56.3	35.4	68.8	66.1	64.1	18.5
1963	56.5	36.6	69.6	66.5	64.8	17.1
1964	57.0	35.4	70.8	67.4	65.4	18.4
1965	56.7	34.7	70.3	67.5	65.8	17.3
1966 ^r	58.6	40.9	71.8	68.3	65.8	16.7
1967 ^r	58.9	41.0	71.7	69.0	66.3	15.5
1968 ^r	59.0	41.1	71.8	69.3	66.2	15.4
1969 ^r	59.2	39.6	72.2	70.7	66.0	14.7
1970 ^r	59.2	40.6	71.2	70.7	66.3	13.6
1971 ^r	59.5	41.9	71.8	71.5	65.9	12.6
1972 ^r	60.2	43.7	73.9	72.6	65.7	11.6
1973 ^r	60.9	46.5	73.8	73.2	66.5	10.7
1974 ^r	61.8	49.4	75.7	74.2	66.1	10.1
1975 ^r	64.1	54.4	76.4	77.7	66.5	11.8
1976 ^r	63.9	52.1	77.0	77.8	67.0	10.4
1977 ^r	64.3	52.9	78.8	78.4	67.2	9.7
1978	65.5	55.5	79.3	80.3	67.7	9.8

1) For 1966 onward, the age bracket is 15–19.

Source: SC, The Labour Force Survey Division.

Table 11.6
Persons In and Not In the Labour Force by Sex, Canada and Ontario, 1950–1978

	In the Labour Force				Not in Labour Force			
	Canada		Ontario		Canada		Ontario	
	Male	Female	Male	Female	Male	Female	Male	Female
Annual Averages ('000's)								
1950	..	..	1,395	430	..	..	234	1,234
1951	..	..	1,426	444	..	..	229	1,252
1952	..	..	1,454	454	..	..	248	1,285
1953	4,206	1,191	1,487	461	869	3,898	258	1,320
1954	4,263	1,231	1,526	496	925	3,973	265	1,331
1955	4,341	1,269	1,545	514	949	4,038	283	1,353
1956	4,437	1,346	1,587	560	961	4,064	280	1,346
1957	4,573	1,435	1,644	594	986	4,129	294	1,379
1958	4,641	1,496	1,674	589	1,044	4,207	312	1,437
1959	4,687	1,554	1,690	612	1,098	4,266	333	1,457
1960	4,754	1,657	1,714	663	1,136	4,285	345	1,448
1961	4,782	1,739	1,717	684	1,209	4,322	374	1,463
1962	4,819	1,797	1,725	697	1,276	4,389	396	1,486
1963	4,879	1,870	1,751	724	1,337	4,451	406	1,500
1964	4,961	1,972	1,780	776	1,390	4,494	428	1,503
1965	5,065	2,076	1,817	798	1,440	4,547	453	1,543
1966 ^r	5,159	2,226	1,872	857	1,294	4,404	413	1,518
1967 ^r	5,277	2,358	1,920	911	1,356	4,453	439	1,535
1968 ^r	5,377	2,460	1,966	951	1,431	4,537	459	1,568
1969 ^r	5,487	2,581	2,012	999	1,496	4,598	482	1,591
1970 ^r	5,600	2,665	2,067	1,040	1,562	4,701	509	1,634
1971 ^r	5,701	2,800	2,109	1,106	1,628	4,744	544	1,646
1972 ^r	5,827	2,916	2,169	1,160	1,652	4,791	543	1,657
1973 ^r	5,997	3,110	2,219	1,226	1,645	4,775	555	1,659
1974 ^r	6,185	3,276	2,288	1,304	1,649	4,814	561	1,662
1975 ^r	6,294	3,680	2,342	1,476	1,732	4,617	573	1,563
1976 ^r	6,369	3,837	2,361	1,524	1,840	4,660	615	1,584
1977 ^r	6,505	3,994	2,412	1,581	1,873	4,686	624	1,592
1978	6,650	4,232	2,480	1,667	1,881	4,618	616	1,571

Source: SC, The Labour Force Survey Division.

Table 11.7

Agricultural and Non-Agricultural Labour Force by Sex and by Age Group, Canada and Ontario, 1967–1978

Labour Force	1967 ^r		1968 ^r		1969 ^r		1970 ^r	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Annual Averages ('000's)								
Total	7,635	2,831	7,836	2,917	8,068	3,011	8,265	3,106
Agricultural	549	144	536	140	526	133	504	130
Non-agricultural	7,086	2,687	7,300	2,776	7,543	2,878	7,761	2,976
Male	5,277	1,920	5,377	1,966	5,487	2,012	5,600	2,067
Agricultural	478	119	467	115	453	111	436	109
Non-agricultural	4,799	1,801	4,909	1,851	5,034	1,901	5,163	1,958
Female	2,358	911	2,460	951	2,581	999	2,665	1,040
Agricultural	71	26	69	26	73	23	67	22
Non-agricultural	2,287	885	2,391	925	2,509	976	2,598	1,018
All ages	7,635	2,831	7,836	2,917	8,068	3,011	8,265	3,106
15–19 years	752	249	758	257	765	257	791	276
20–24 years	1,094	375	1,167	403	1,231	429	1,268	450
25–44 years	3,292	1,256	3,358	1,280	3,465	1,327	3,550	1,356
45–64 years	2,279	866	2,333	891	2,392	913	2,446	944
65 years and over	218	85	221	87	216	85	210	81

Table 11.7 (cont'd)

	1971 ^r		1972 ^r		1973 ^r		1974	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Annual Averages ('000's)								
Total	8,504	3,216	8,763	3,339	9,150	3,465	9,526	3,620
Agricultural	505	132	473	114	458	120	465	116
Non-agricultural	8,000	3,084	8,290	3,225	8,692	3,346	9,061	3,503
Male	5,704	2,110	5,844	2,177	6,032	2,236	6,238	2,314
Agricultural	434	110	399	93	389	77	390	95
Non-agricultural	5,270	2,000	5,445	2,084	5,643	2,159	5,849	2,219
Female	2,800	1,106	2,919	1,162	3,118	1,229	3,288	1,306
Agricultural	71	22	74	21	69	42	75	21
Non-agricultural	2,730	1,084	2,846	1,141	3,049	1,187	3,212	1,285
All ages	8,504	3,216	8,763	3,339	9,150	3,465	9,526	3,620
15–19 years	832	296	900	319	987	348	1,065	379
20–24 years	1,323	475	1,352	492	1,418	500	1,492	532
25–44 years	3,655	1,405	3,808	1,475	3,972	1,534	4,169	1,613
45–64 years	2,498	963	2,520	982	2,589	1,015	2,617	1,032
65 years and over	197	77	184	72	184	69	183	66

Table 11.7 (cont'd)

Agricultural and Non-Agricultural Labour Force by Sex and by Age Group, Canada and Ontario, 1967-1978

	1975 ^r		1976 ^r		1977 ^r		1978	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Annual Averages ('000's)								
Total	9,974	3,818	10,206	3,885	10,498	3,994	10,882	4,147
Agricultural	497	124	489	118	482	133	494	138
Non-agricultural	9,393	3,664	9,665	3,747	9,954	3,839	10,317	3,980
Male	6,294	2,342	6,369	2,361	6,505	2,412	6,650	2,480
Agricultural	384	90	367	86	359	95	366	97
Non-agricultural	5,870	2,240	5,986	2,269	6,124	2,311	6,259	2,374
Female	3,680	1,476	3,837	1,524	3,994	1,581	4,232	1,667
Agricultural	113	33	122	33	122	39	127	42
Non-agricultural	3,513	1,424	3,679	1,477	3,830	1,528	4,058	1,606
All ages	9,974	3,818	10,206	3,885	10,498	3,994	10,882	4,147
15-19 years	1,153	425	1,145	416	1,169	430	1,200	457
20-24 years	1,548	550	1,597	567	1,655	595	1,715	613
25-44 years	4,396	1,707	4,560	1,746	4,727	1,798	4,955	1,880
45-64 years	2,678	1,058	2,728	1,085	2,767	1,102	2,827	1,125
65 years and over	199	78	176	71	180	69	184	72

Source: SC, Labour Force Survey Division.

Table 11.8

Non-Agricultural Labour Force, by Region, Canada, 1964-1978

	Canada	Ontario	Atlantic Region	Québec	Prairie Region	British Columbia
Annual averages ('000's)						
1964	6,292	2,394	548	1,832	901	616
1965	6,540	2,461	577	1,903	955	644
1966 ^r	6,849	2,590	576	2,005	996	682
1967 ^r	7,086	2,687	588	2,072	1,015	724
1968 ^r	7,300	2,776	600	2,092	1,079	753
1969 ^r	7,543	2,878	612	2,162	1,098	795
1970 ^r	7,761	2,976	617	2,190	1,142	836
1971 ^r	8,000	3,084	640	2,259	1,156	861
1972 ^r	8,290	3,225	668	2,296	1,198	904
1973 ^r	8,692	3,346	709	2,422	1,258	958
1974 ^r	9,061	3,503	739	2,501	1,304	1,014
1975 ^r	9,383	3,664	752	2,542	1,368	1,058
1976 ^r	9,665	3,747	778	2,595	1,456	1,090
1977 ^r	9,954	3,839	801	2,660	1,539	1,115
1978	10,317	3,980	837	2,728	1,614	1,158

Source: SC, Labour Force Survey Division.

Table 11.9
Labour Force and Employed by Industry, Ontario, 1968–1978

	1968	1969	1970	1971	1972	1973	1974	1975 ^r	1976 ⁱ	1977 ^r	1978
Annual Averages ('000's)											
Labour Force											
All Industries	2,917	3,011	3,106	3,216	3,339	3,465	3,620	3,818	3,885	3,994	4,147
Primary industries	191	183	186	193	175	174	171	176	179	193	195
Manufacturing	863	884	875	874	910	950	977	939	966	972	1,007
Construction	192	196	203	215	210	226	242	252	255	258	261
Transportation and other utilities	217	227	231	238	250	262	264	266	284	288	302
Trade	460	480	495	500	541	561	599	653	647	662	700
Service											
(including finance)											
Public Administration	980	1,027	1,096	1,168	1,232	1,278	1,351	1,502	1,534	1,599	1,654
Never worked	14	14	20	27	21	16	17	30	20	22	29
Employed											
All Industries	2,814	2,916	2,973	3,045	3,168	3,305	3,443	3,576	3,645	3,714	3,847
Primary industries	186	179	181	186	169	166	165	168	170	183	183
Manufacturing	835	858	837	830	868	910	928	877	910	907	943
Construction	174	181	181	189	185	203	219	224	230	226	226
Transportation and other utilities	211	222	225	229	239	251	253	254	271	273	286
Trade	449	467	478	478	520	540	575	618	610	618	654
Service											
(including finance) and Public Administration	960	1,009	1,071	1,133	1,187	1,234	1,303	1,435	1,454	1,508	1,554

Source: SC, Labour Force Survey Division.

Table 11.10
Average Weekly Hours Worked in Manufacturing, by Region, Canada, 1968–1978

	Canada	Ontario	Atlantic Region	Québec	Prairie Region	British Columbia
1968	40.3	40.3	40.3	41.0	39.4	37.7
1969	40.0	40.1	40.3	40.8	39.4	37.4
1970	39.7	39.8	39.9	40.4	39.0	36.8
1971	39.7	39.8	39.6	40.3	38.9	37.2
1972	40.0	40.2	39.8	40.6	38.8	37.6
1973	39.6	40.0	39.6	40.1	38.5	37.3
1974	38.8	39.2	38.2	39.6	37.6	36.4
1975 ^p	38.6	38.9	38.2	39.1	37.3	36.1
1976 ^p	38.7	39.3	37.9	38.9	37.3	36.5
1977 ^p	38.7	39.3	37.9	38.9	37.2	36.2
1978 ^p	38.8	39.3	38.1	39.1	37.6	36.4
Seasonally Adjusted Monthly Data ¹						
1976						
January	38.7 ^r	39.2 ^r	38.1 ^r	38.8	37.3	36.4 ^r
February	38.7 ^r	39.3 ^r	38.5	39.0 ^r	37.4 ^r	36.4 ^r
March ^r	38.7	39.3	37.9	39.1	37.6	36.4
April	38.7	39.5 ^r	37.8 ^r	38.9 ^r	37.4	36.4 ^r
May	38.7 ^r	39.3 ^r	38.0 ^r	38.6	37.4 ^r	36.4 ^r
June ^r	38.6	39.4	37.9	38.6	36.9	36.7
July	38.7	39.3 ^r	38.2 ^r	38.7 ^r	37.3 ^r	36.6 ^r
August	38.6	39.3 ^r	37.9 ^r	38.8	37.2 ^r	36.5 ^r
September	38.6	39.2 ^r	37.1	38.7 ^r	37.4 ^r	36.7 ^r
October	38.5 ^r	39.1 ^r	37.5 ^r	38.6 ^r	36.9 ^r	36.1
November	38.7	39.3 ^r	37.8 ^r	39.1 ^r	37.2 ^r	36.5 ^r
December ^r	39.3	39.8	38.7	39.5	37.5	36.9
1977						
January	38.5	38.8	37.7	38.9	37.4	36.4
February	38.7	39.7	38.2	38.8	37.2	36.2
March	38.6	39.5	37.9	38.8	37.4	36.1
April	38.5	39.1	38.1	38.7	37.3	36.3
May	38.5	39.0	37.8	38.4	37.0	36.3
June	38.7	39.4	38.0	39.1	37.3	36.1
July	38.7	39.1	38.1	39.0	37.3	36.5
August	38.8	39.6	38.0	39.0	37.4	36.4
September	38.7	39.4	37.9	38.9	37.2	35.9
October	38.7	39.4	37.8	38.9	37.2	36.1
November	38.6	39.4	37.8	39.0	36.6	36.1
December	38.9	39.6	37.6	39.3	37.1	36.1
1978 ^p						
January	37.8	37.5	38.0	38.8	37.0	35.9
February	38.8	39.5	38.0	39.2	37.4	36.2
March	38.3	39.0	37.5	38.5	37.5	35.9
April	38.7	39.4	37.3	38.9	37.5	36.1
May	38.9	39.5	38.5	38.6	37.9	36.1
June	38.8	39.3	38.2	39.6	37.8	36.1
July	39.0	39.4	38.3	39.4	37.8	36.6
August	38.9	39.3	38.3	39.2	37.6	37.2
September	38.9	39.5	37.5	39.2	37.4	36.5
October	38.8	39.4	38.7	39.0	37.5	36.4
November	39.0	39.8	38.5	39.1	37.6	36.5
December	39.4	39.9	38.5	39.7	37.6	36.9

1) Average hours in manufacturing adjusted by Statistics Canada.

Source: SC, *Employment, Earnings and Hours*.

Table 11.11
Average Weekly Hours Worked and Average Hourly Earnings in Manufacturing, by Selected Urban Area¹, Ontario, 1973–1978

	Average Weekly Hours Worked in Manufacturing					Average Hourly Earnings in Manufacturing				
	1974	1975	1976	1977	1978 ^p	1974	1975	1976	1977	1978 ^p
							\$			
Ontario	39.2	38.9	39.3	39.3	39.3	4.54	5.18	5.87	6.47	6.91
Toronto (metro)	39.3	38.9	39.4	39.3	39.3	4.31	4.94	5.52	6.02	6.37
Hamilton (metro)	38.8	38.7	38.9	38.8	39.2	4.95	5.68	6.53	7.13	7.71
Ottawa	38.9	38.5	38.3	38.5	38.7	4.50	5.13	5.78	6.47	7.06
London (metro)	38.8	38.5	38.8 ^r	38.7	39.2	4.50	5.21	5.67 ^r	6.18	6.80
Windsor (metro)	40.9	40.6	41.4	40.9	40.7	5.64	6.23	7.06	7.92	8.47
Kitchener (metro)	38.5	38.2	38.8	38.6	38.8	4.03	4.69	5.26	5.82	6.26
St. Catharines	40.3	40.1	42.1	42.6	43.0	5.51	6.18	7.08	7.85	8.60
Thunder Bay (metro)	38.6	37.4	38.3	38.7	38.8	5.16	5.80	7.20	8.00	8.44
Oshawa	40.1	39.2	41.4	41.6	40.4	5.53	6.14	6.95	7.53	8.15
Niagara Falls	40.2	39.5	39.5	39.8	39.7	4.46	5.02	5.70	6.29	6.79
Brantford	38.8	38.6	39.3	38.8	38.1	4.51	5.32	5.91	6.42	7.02
Guelph	38.5	38.3	38.6	38.8	38.7	4.11	4.74	5.38	6.00	6.43
Kingston	39.9	39.8	39.6	40.0	40.0	4.74	5.38	6.24	6.73	7.19
Peterborough	40.2	39.5	39.2	39.0	39.6	4.67	5.41	6.02	6.54	6.87
Sarnia	40.7	39.8	39.9	39.2	39.8	5.79	6.54	7.46	8.52	8.97
Cornwall	40.0	38.6	38.4	39.0	39.4	4.29	4.85	5.82	6.48	6.97
Welland	40.1	39.2	39.7	40.4	40.3	5.03	5.62	6.44	7.16	7.62
Brampton	39.4	38.9	39.0	38.5	39.3	4.47	5.07	5.62	6.22	6.63

¹⁾ Urban areas may also include satellite communities.

Source: SC, *Employment, Earnings and Hours*.

Table 11.12

Labour Force and Employed by Occupation, Ontario, 1975-1978

	Labour Force				Employed			
	1975'	1976'	1977'	1978	1975'	1976'	1977'	1978
	Annual Averages ('000's)							
All Occupations	3,818	3,885	3,994	4,147	3,576	3,645	3,714	3,847
Managerial, Administrative ¹	834	857	878	907	811	827	850	874
Clerical	694	727	730	760	657	685	683	707
Sales	424	424	432	424	406	405	410	402
Service	461	459	501	539	431	426	457	491
Primary ²	159	162	179	182	148	152	166	168
Processing etc. ³	671	674	686	721	622	631	636	674
Construction	254	256	255	258	231	233	227	227
Transport	135	143	150	157	126	135	139	146
Material Handling and other Crafts	157	162	162	171	144	150	148	157
Never worked ⁴	30	20	22	29	...	...	...	...

1) Includes managerial and administrative, natural sciences, social sciences, religion, teaching, medicine and health, artistic and recreational occupations.

2) Includes farmers and farm workers, fishermen, trappers and hunters, loggers and related workers, miners, quarrymen and related workers.

3) Includes processing, machining and product fabricating, assembling and repairing.

4) Comprises unemployed persons who never had a full-time job lasting two weeks or more.

Source: SC, Labour Force Survey Division.

Table 11.13Employment Index Numbers, Industrial Composite, by Selected Urban Area¹, Ontario, 1972-1978

	1972	1973	1974	1975	1976	1977	1978 ²
Ontario	134.2	141.2	147.5	144.2	147.1	148.0	151.2
Toronto (metro)	139.0	147.2	154.5	152.4	154.1 ¹	155.9	160.6
Hamilton	123.9	129.8	136.5	134.1	134.3	132.9	134.1
Ottawa-Hull	146.8	156.9	168.5	167.1	170.8	173.1	179.5
London	128.3	132.4	138.5	132.9	134.7	134.7	144.0
Windsor	153.4	160.4	159.8	148.1	163.0	172.0	175.1
Kitchener	163.3	173.2	181.0	170.0	174.1	169.3	173.7
St. Catharines	136.5	146.1	145.6	136.1	142.2	142.8	145.8
Thunder Bay	137.5	137.9	145.6	138.9	151.1	156.9	155.6
Oshawa	133.1	148.7	149.2	140.5	149.4	155.6	164.0
Sudbury	116.7	108.0	109.2	113.9	117.1	113.9	89.3
Sault Ste. Marie	123.0	126.9	136.0	137.2	136.3	136.2	141.4
Niagara Falls	115.1	120.8	125.7	125.7	122.4	126.0	129.9
Brantford	128.7	143.7	152.4	153.2	152.5	154.8	162.0
Guelph	133.1	145.8	155.5	156.4	160.7	159.8	162.1
Kingston	124.2	130.0	138.0	138.3	139.5	137.4	140.5
Peterborough	135.2	135.5	140.8	147.6	140.6	132.5	136.0
Sarnia	131.0	135.3	144.2	146.2	153.1	161.3	160.4
North Bay	119.1	122.2	134.1	132.6	131.9	141.6	148.6
Cornwall	129.4	135.5	140.9	118.6	120.9	124.9	126.7
Welland	105.5	107.1	112.2	107.1	107.3	103.5	105.3
Brampton	301.3	332.1	360.1	353.2	362.2	357.0	325.9

1) Urban areas represent incorporated municipalities.

Source: SC, *Employment, Earnings and Hours*.

Table 11.14

Employment Index Numbers by Industry, by Selected Urban Area, Canada and Ontario,
1963–1978

	1963	1964	1965	1966	1967	1968	1969	1970
Annual Averages (1961 = 100)								
Industrial Composite								
Canada	104.4	108.2	114.3	121.2	122.6	122.7	126.9	127.1
Ontario	105.4	110.1	116.5	123.3	125.1	126.1	131.0	131.6
Toronto	105.8	110.5	115.8	123.6	126.0	128.2	134.3	135.1
Hamilton	107.3	113.4	119.8	123.7	120.8	119.8	121.2	124.0
Kingston	105.6	114.9	122.0	125.2	121.7	123.0	128.3	125.6
London	108.4	113.2	118.8	124.0	124.3	121.3	125.2	124.4
Ottawa-Hull	103.2	106.1	111.5	117.4	123.5	128.6	137.7	140.6
Thunder Bay	100.6	105.0	116.2	126.1	126.9	119.6	124.2	125.6
Windsor	105.5	116.8	132.7	149.3	149.3	149.6	152.7	149.9
Forestry								
Canada	96.9	102.8	104.1	106.2	102.3	91.1	88.7	84.2
Ontario	105.9	103.4	103.9	106.0	102.9	90.0	90.7	84.7
Mining, Including Milling								
Canada	97.9	98.8	105.1	107.0	109.1	109.8	107.9	115.7
Ontario	88.9	87.6	90.3	89.3	93.6	95.3	84.3	96.3
Manufacturing								
Canada	106.1	111.1	117.2	123.5	123.1	122.1	125.2	122.8
Ontario	108.6	114.6	121.9	129.4	128.9	127.2	130.6	127.6
Toronto	107.1	111.3	116.3	124.8	125.3	123.6	127.8	124.4
Hamilton	110.4	116.6	123.7	127.1	121.6	119.5	118.4	120.2
Kingston	103.2	108.8	115.2	120.3	115.6	113.6	117.7	108.7
London	108.4	113.1	116.5	122.7	121.1	114.6	115.0	107.3
Ottawa-Hull	106.3	109.6	113.6	118.9	122.5	120.3	126.8	125.1
Thunder Bay	106.9	112.8	123.1	135.3	136.5	129.2	132.5	124.7
Windsor	106.1	121.6	140.7	159.1	155.8	153.6	156.1	148.6
Construction								
Canada	100.0	104.1	118.4	128.9	122.6	119.4	119.1	113.9
Ontario	97.1	98.7	110.2	121.6	118.3	123.3	123.6	124.7
Toronto	104.4	112.3	119.9	138.0	136.2	148.7	151.8	156.9
Hamilton	98.3	102.7	113.8	115.5	106.3	105.5	92.9	112.3
London	118.6	129.6	149.2	157.6	162.8	152.9	152.0	152.1
Ottawa-Hull	102.9	106.1	110.3	118.9	127.0	133.9	137.9	129.3
Windsor	93.4	112.2	139.2	161.2	152.6	159.3	149.8	143.6

Table 11.14 (cont'd)

Employment Index Numbers by Industry, by Selected Urban Area, Canada and Ontario, 1963-1978

	1971	1972	1973	1974	1975	1976	1977	1978 ^p
Annual Averages (1961 = 100)								
Industrial Composite								
Canada	127.8	129.9	135.9	142.8	141.1	144.1	144.3	146.5
Ontario	132.1	134.2	141.2	147.5	144.2	147.1	148.0	151.2
Toronto	135.5	139.0	147.2	154.5	152.4	154.9 ^r	155.9	160.6
Hamilton	123.6	123.9	129.8	136.5	134.1	134.3	132.9	134.1
Kingston	122.5	124.2	130.0	138.0	138.3	139.5	137.4	140.5
London	123.8	128.3	132.4	138.5	132.9	134.7	134.7 ^r	144.0
Ottawa-Hull	143.1	146.8	156.9	168.5	167.1	170.8	173.1	179.5
Thunder Bay	135.5	137.5	137.9	145.6	138.9	151.1	156.9	155.6
Windsor	150.0 ^r	153.4	160.4	159.8	148.1	163.0	172.0	175.1
Forestry								
Canada	79.4	76.3	86.4	87.4	76.0	76.2	78.0	81.3
Ontario	73.7	68.0	79.1	84.5	68.3	58.1	72.9	93.3
Mining, Including Milling								
Canada	114.8	110.4	111.4	115.5	114.1	118.3	122.8	119.1
Ontario	98.2	88.0	83.4	85.2	86.5	89.6	88.3	76.3
Manufacturing								
Canada	121.6	123.7	129.9	133.8	126.3	128.1	126.3	127.6
Ontario	126.0	128.6	135.4	139.1	130.4	132.5	131.4	132.9
Toronto	121.8	124.3	128.9	133.0	126.4	126.6	124.8	126.8
Hamilton	117.1	119.1	124.8	129.7	124.5	123.7	121.6	121.6
Kingston	102.1	105.9	109.8	113.9	110.3	107.5	103.8	99.5
London	106.4	115.3	119.3	123.9	114.8	114.6	111.6 ^r	119.5
Ottawa-Hull	109.9	108.3	112.6	120.8	109.0	106.5	103.0	106.1
Thunder Bay	132.0	133.7	132.8	141.1	113.6	132.5	154.1	154.3
Windsor	148.8	154.4	164.0	157.7	141.1	157.7	167.1	167.7
Construction								
Canada	115.5	109.7	109.9	117.1	117.1	113.8	110.9	99.6
Ontario	123.2	112.8	112.7 ^r	118.2	116.4	113.4	111.1 ^r	103.2
Toronto	151.2	137.6	139.0	142.8	137.5	131.9	127.3	121.3
Hamilton	127.3	97.1	102.2	118.9	128.3	112.5	109.8	103.9
London	146.5	132.5	119.4	125.0	107.4	96.9	91.2	N.A.
Ottawa-Hull	142.1	128.7	134.8	135.4	116.1	121.9	119.1	98.8
Windsor	119.6	125.0	112.5	131.3	131.0	129.8	116.7	122.6

Table 11.14 (cont'd)

Employment Index Numbers by Industry, by Selected Urban Area, Canada and Ontario, 1963–1978

	1963	1964	1965	1966	1967	1968	1969	1970
Annual Averages (1961 = 100)								
Transportation, Communication and Other Utilities								
Canada	100.1	101.8	104.8	107.5	110.9	109.5	111.9	112.6
Ontario	101.3	102.3	105.3	107.2	110.8	109.4	112.9	114.0
Toronto	101.0	102.5	107.2	110.1	114.6	116.2	122.5	126.7
Hamilton	101.1	102.1	106.0	102.9	103.6	100.4	106.3	104.5
London	102.1	105.2	113.5	110.1	105.3	105.6	114.3	116.0
Ottawa-Hull	103.5	101.9	103.2	105.8	110.5	114.3	120.8	129.2
Thunder Bay	100.1	107.4	106.6	114.4	111.6	102.7	108.1	125.8
Windsor	101.2	101.6	106.1	116.4	121.7	121.1	120.5	119.3
Trade								
Canada	103.5	108.1	114.3	123.7	125.8	129.4	136.6	139.3
Ontario	103.7	108.9	113.9	121.4	125.0	130.4	140.1	144.0
Toronto	104.7	109.8	113.5	120.0	120.6	124.6	132.3	135.0
Hamilton	102.6	112.6	117.3	124.5	128.4	130.3	139.9	138.4
London	109.3	109.6	113.2	117.1	121.4	122.2	126.3	130.3
Ottawa-Hull	102.6	104.9	108.7	115.1	121.8	131.1	141.6	145.6
Thunder Bay	99.0	100.4	108.6	117.8	121.2	118.7	121.1	124.0
Windsor	105.4	109.6	120.6	130.5	137.6	142.4	149.3	156.8
Finance, Insurance and Real Estate								
Canada	107.6	111.9	116.6	120.5	126.0	131.4	138.8	143.6
Ontario	105.6	109.5	114.2	118.4	125.1	131.5	139.0	144.6
Toronto	104.9	108.6	112.0	117.5	125.1	133.2	142.2	148.7
Hamilton	103.5	108.7	112.6	116.3	120.4	131.0	143.8	156.2
London	106.9	111.8	118.0	125.8	130.5	131.1	141.0	150.9
Ottawa-Hull	107.9	109.1	112.6	116.2	120.1	123.8	131.1	133.5
Service								
Canada	106.1	114.7	125.9	139.1	153.0	157.8	171.8	178.5
Ontario	107.9	116.4	126.9	139.5	149.9	158.0	172.1	180.6
Toronto	109.1	118.6	128.2	139.8	149.7	156.9	166.5	173.8
Hamilton	101.2	105.8	114.0	124.2	131.6	131.6	138.5	150.1
London	110.2	126.5	134.1	144.2	143.8	148.4	161.4	172.1
Ottawa-Hull	104.9	111.0	122.5	133.5	145.8	160.3	179.9	192.6
Windsor	108.8	117.9	128.3	161.7	176.2	188.5	211.2	228.9

Table 11.14 (cont'd)

Employment Index Numbers by Industry, by Selected Urban Area, Canada and Ontario, 1963-1978

	1971	1972	1973	1974	1975	1976	1977	1978 ^p
Annual Averages (1961 = 100)								
Transportation, Communication and Other Utilities								
Canada	114.6	116.0	118.0	124.6	125.8	128.7	130.1	132.5
Ontario	116.0	117.1	121.7	126.7	127.0	131.0	134.2	137.5
Toronto	129.6	131.4	140.5	147.3	149.1	157.5	163.3	167.1
Hamilton	103.2	108.6	108.4	110.3	107.8	111.7	111.4	116.4
London	117.2	115.7	119.5	128.0	129.3	138.9	142.4	133.4
Ottawa-Hull	133.2	141.3	154.8	170.1	176.7	192.2	202.5	211.4
Thunder Bay	149.8	138.7	130.3	128.1	131.8	133.9	136.1	143.4
Windsor	125.0	124.3	130.6	142.2	138.3	149.7	152.7	153.3
Trade								
Canada	140.3	146.2	155.3	165.7	168.5	172.2	169.6	173.7
Ontario	145.3	150.9	161.0	171.4	173.6	176.7	174.8	178.3
Toronto	136.4	142.6	154.2	163.3	162.8	164.3	160.9	164.1
Hamilton	139.9	139.5	147.0	157.9	159.5	164.8	162.2	164.9
London	126.7	132.1	138.5	144.2	142.4	146.2	140.1	152.9
Ottawa-Hull	147.8	154.2	162.9	171.4	179.3	177.6	175.1	179.3
Thunder Bay	122.4	136.1	139.5	144.3	145.2	146.0	141.5	138.7
Windsor	155.7	150.8	152.8	155.8	155.1	172.9	189.3	193.8
Finance, Insurance and Real Estate								
Canada	145.9	148.7	157.1	167.3	175.0	183.9	194.5	199.2
Ontario	147.2	150.0	159.8	169.9	175.9	183.9	192.9	198.9
Toronto	152.9	158.1	172.5	183.6	190.6	199.0	208.8	211.6
Hamilton	166.6	164.5	169.5	181.9	187.8	188.0	195.3	N.A.
London	152.6	153.5	155.0	158.5	157.5	164.6	177.7	189.1
Ottawa-Hull	137.7	141.3	153.4	163.2	167.1	172.2	178.1	198.2
Service								
Canada	186.4	193.5	206.1	224.0	231.9	242.8	250.1	260.7
Ontario	190.6	198.3	212.0	229.4	234.2	241.4	251.7	271.6
Toronto	183.6	196.2	210.4	228.2	233.7	241.6	254.4	282.1
Hamilton	158.9	160.0	169.1	179.7	181.0	190.2	195.1	197.4
London	180.9	180.7	196.0	213.7	210.8	211.3	227.0	255.9
Ottawa-Hull	220.9	236.4	257.2	284.5	287.4	296.7	310.4	319.3
Windsor	235.3	239.0	247.5	252.7	247.3	250.3	265.0	278.9

Source: SC, *Employment, Earnings and Hours*.

Table 11.15
Employment by Sex, Canada and Ontario, 1953–1978

	Total		Male		Female	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
Annual Averages ('000's)						
1953	5,235	1,907	4,063	1,452	1,172	456
1954	5,243	1,945	4,044	1,459	1,199	485
1955	5,364	1,993	4,128	1,490	1,236	503
1956	5,585	2,096	4,266	1,543	1,320	553
1957	5,731	2,161	4,329	1,580	1,402	582
1958	5,706	2,142	4,263	1,571	1,442	570
1959	5,870	2,198	4,363	1,603	1,507	596
1960	5,965	2,249	4,368	1,607	1,597	642
1961	6,055	2,269	4,381	1,608	1,674	662
1962	6,225	2,317	4,488	1,641	1,737	676
1963	6,375	2,382	4,567	1,678	1,808	704
1964	6,609	2,473	4,698	1,718	1,911	756
1965	6,862	2,548	4,842	1,768	2,020	780
1966	7,120	2,660	4,952	1,823	2,168	837
1967	7,324	2,742	5,035	1,856	2,289	886
1968	7,461	2,814	5,085	1,894	2,376	920
1969	7,693	2,916	5,205	1,946	2,488	971
1970	7,778	2,973	5,233	1,972	2,545	1,001
1971	7,958	3,045	5,302	1,992	2,656	1,053
1972	8,191	3,168	5,431	2,059	2,760	1,109
1973	8,598	3,305	5,647	2,129	2,951	1,176
1974	8,951	3,443	5,836	2,195	3,115	1,247
1975'	9,284	3,576	5,903	2,215	3,381	1,360
1976'	9,479	3,645	5,965	2,240	3,515	1,405
1977'	9,648	3,714	6,031	2,269	3,617	1,445
1978	9,972	3,847	6,148	2,327	3,824	1,520

Source: SC, *The Labour Force*.

Table 11.16
The Employed by Class of Worker, Ontario, 1966–1978

	Total	Paid Workers	Self-employed			Unpaid Family Workers
			Own-Account Workers	Employers	Total	
			'000's			
1966'	2,660	2,349	140	125	265	46
1967'	2,742	2,432	143	119	261	49
1968'	2,814	2,508	134	120	254	52
1969'	2,916	2,610	135	126	261	45
1970'	2,973	2,672	134	122	256	45
1971'	3,045	2,735	134	129	264	47
1972'	3,168	2,864	129	135	264	39
1973'	3,305	2,998	138	128	266	41
1974'	3,443	3,127	141	133	274	42
1975'	3,576	3,278	169	96	265	34
1976'	3,645	3,343	172	96	268	34
1977'	3,714	3,379	191	108	299	37
1978	3,847	3,485	213	107	320	41

Source: SC, Labour Force Survey Division.

Table 11.17
Unemployed Persons by Family Status, Ontario, 1966–1978

	Members of Family Units						Non- members of Family Units
	Total Unemployed	Total	Head of Unit	Spouse	Single Sons or Daughters	Other Relatives	
Annual Averages ('000's)							
1966	69	62	27	..	22	14	6
1967	89	82	39	..	27	16	10
1968	104	95	39	..	36	20	11
1969	95	86	34	..	32	20	9
1970	134	120	49	..	45	25	13
1971	170	154	64	..	56	35	21
1972	162	143	55	..	54	34	20
1973	142	123	45	..	47	32	19
1974	152	132	48	..	50	34	20
1975 ^r	242	215	67	68	70	10	27
1976 ^r	240	214	57	67	79	11	25
1977 ^r	280	247	68	76	89	14	32
1978	300	264	74	81	96	13	36

Source: SC, The Labour Force and Labour Force Annual Averages.

Table 11.18
Unemployment Rates by Age and Sex, Ontario, 1956-1978

	Total					Male					Female				
	All ages	14-19	20-24	25-44	45 +	All ages	14-19	20-24	25-44	45 +	All ages	14-19	20-24	25-44	45 +
	Annual Averages (Per Cent)														
1956	2.4	4.3	3.2	2.0	2.1	2.8	5.8	3.8	2.2	2.7	1.2	...	...	...	...
1957	3.4	6.4	5.1	2.9	2.7	3.9	8.7	6.1	3.4	3.1	2.2	4.8	...	1.6	...
1958	5.4	11.2	8.0	4.6	4.2	6.2	13.5	10.9	5.3	4.8	3.2	8.1	...	2.4	2.4
1959	4.5	9.5	5.5	3.7	3.9	5.1	11.1	6.7	4.3	4.6	2.6	6.0	...	1.9	...
1960	5.4	11.4	6.9	4.5	4.5	6.2	14.5	9.0	5.3	5.3	3.0	7.8	...	2.4	...
1961	5.5	10.9	7.2	4.6	4.8	6.3	13.2	9.7	5.4	5.8	3.2	8.0	...	2.4	1.9
1962	4.3	9.9	5.4	3.5	3.8	4.9	10.7	6.8	3.8	4.5	3.0	7.9	...	2.4	1.9
1963	3.8	9.9	4.9	2.9	3.2	4.2	10.9	5.4	3.1	3.9	2.9	8.5	...	2.3	...
1964	3.2	8.7	3.9	2.4	2.7	3.5	9.9	5.2	2.5	3.1	2.7	7.9	...	2.2	...
1965	2.5	6.7	3.0	1.7	2.3	2.7	7.4	3.8	1.8	2.6	2.3	5.8	...	1.8	...
1966 ¹	2.5	7.1	3.2	1.8	2.2	2.6	7.5	3.9	1.7	2.4	2.3	6.5	...	1.7	1.5
1967 ¹	3.1	8.4	4.0	2.5	2.4	3.3	9.4	4.5	2.6	2.7	2.7	7.2	2.6	2.2	1.4
1968 ¹	3.5	9.7	4.5	2.7	2.7	3.7	10.5	5.1	2.9	2.9	3.2	8.8	4.1	2.4	1.7
1969 ¹	3.1	8.6	4.0	2.3	2.5	3.3	9.9	4.4	2.4	2.8	2.8	7.8	2.8	2.2	2.0
1970 ¹	4.3	11.2	6.0	3.2	3.0	4.5	12.3	7.3	3.5	3.2	3.8	9.8	4.2	2.6	2.6
1971 ¹	5.3	13.7	7.9	3.7	3.8	5.5	15.6	9.4	3.8	4.2	4.8	11.5	5.9	3.4	3.0
1972 ¹	4.8	11.7	7.5	3.4	3.5	5.1	13.5	8.9	3.5	3.7	4.4	9.4	5.8	3.3	2.8
1973 ¹	4.1	9.7	6.6	3.0	2.7	4.0	10.1	7.3	2.9	2.8	4.1	9.1	5.7	3.2	2.3
1974 ¹	4.2	9.6	6.5	3.1	2.7	4.0	10.3	6.9	2.8	2.9	4.4	8.7	6.0	3.7	2.2
1975	6.3	14.2 ^r	9.0 ^r	5.0	4.1	5.4	14.4 ^r	9.2 ^r	3.9	3.3	7.8	13.9 ^r	8.8 ^r	6.9	5.6
1976	6.2	14.7 ^r	8.8 ^r	5.1	3.4	5.1	14.9 ^r	8.9 ^r	3.7	2.8	7.8	14.4 ^r	8.6 ^r	7.4 ^r	4.6
1977	7.0	15.6 ^r	11.2 ^r	5.3	4.3	5.9	15.8 ^r	11.1 ^r	4.0	3.6	8.6	15.4 ^r	11.3 ^r	7.5	5.5
1978	7.2	16.8	10.2	5.8	4.3	6.2	17.5	10.2	4.2	3.7	8.8	16.0	10.2	8.3	5.3

¹) Unemployed estimates less than 4,000.

Source: SC, Labour Force Survey Division.

Table 11.19
Unemployed Persons by Occupation, Canada and Ontario, 1974–1978

	All Occupations	Managerial, Administrative, etc. ²	Clerical	Sales	Service	Primary Occupations ³	Processing, etc. ⁴	Construction	Transportation	Materials Handling and Other Crafts	Never Worked ⁵
Annual Averages ('000's)											
1974											
Canada	525	42	60	30	66	44	96	84	26	28	48
Ontario	152	12	22	10	18	6	32	20	7	8	17
1975 ^r											
Canada	690	61	91	46	90	41	121	78	27	36	94
Ontario	242	23	37	18	30	11	49	24	9	13	30
1976 ^r											
Canada	727	80	111	53	107	45	124	88	30	36	53
Ontario	240	29	41	19	33	11	43	23	8	12	20
1977 ^r											
Canada	850	84	130	66	135	51	144	103	34	42	62
Ontario	280	29	47	22	44	12	50	28	11	14	22
1978											
Canada	911	96	141	68	149	54	140	115	35	40	72
Ontario	300	32	53	22	47	13	47	31	11	14	29

1) 1975 to 1977 revisions based on re-benchmarking to the 1976 census of population.

2) Includes managerial and administrative, natural sciences, social sciences, religion, teaching, medicine and health, artistic and recreational occupations.

3) Includes farmers and farm workers, fishermen, trappers and hunters, loggers and related workers, miners, quarrymen and related workers.

4) Includes processing, machining and product fabricating, assembling and repairing.

5) Comprises unemployed persons who never had a full-time job lasting two weeks or more.

Source: SC, Labour Force Survey Division.

Table 11.20
Duration of Unemployment, Canada and Ontario, 1972–1978

	Total Unemployed	Unemployed Under Three Months ¹	Unemployed Three Months and Over	Other ²
Annual Averages ('000's)				
1972				
Canada	552	346	206	..
Ontario	161	107	55	..
1973				
Canada	509	329	180	..
Ontario	140	97	43	..
1974				
Canada	510	343	168	..
Ontario	149	108	42	..
1975				
Canada	685	493	193	..
Ontario	223	169	55	..
1976				
Canada	727 ^r	455 ^r	243	29
Ontario	240 ^r	160 ^r	71 ^r	9
1977				
Canada	850 ^r	523 ^r	298 ^r	30
Ontario	280 ^r	179 ^r	91 ^r	9
1978				
Canada	911	540	339	31
Ontario	300	184	107	9

1) Includes persons on temporary layoff up to 30 days and persons seeking work under 3 months.

2) Includes persons with a job to start within 4 weeks of the reference week who had not actively looked for work in the past 4 weeks, but who were available for work in the reference week.

Source: SC, The Labour Force.

Table 11.21Current Full-Time Job Vacancies by Selected Occupation¹, Canada and Ontario, Quarterly, 1971–1978

		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Canada					
All occupations	1971	23,200	33,900	38,500	34,800
	1972	37,800	46,200	79,000	70,200
	1973	66,500	79,000	89,400	77,400
	1974	80,000	98,700	116,200	71,200
	1975	56,300	62,500	63,000	44,800
	1976	44,100	49,300	54,700	35,800
	1977	35,300	43,200	45,500	30,900
	1978	34,300	39,800	45,000	39,500
Ontario					
All occupations	1971	9,200	12,100	17,500	13,700
	1972	12,400	18,400	35,100	28,900
	1973	24,800	29,300	36,400	30,400
	1974	31,700	37,900	48,900	25,400
	1975	21,900	20,700	19,800	17,100
	1976	13,500	17,000	19,600	12,300
	1977	12,300	17,800	17,700	12,800
	1978	13,100	15,100	16,600	17,300
Managerial, administrative and related	1971	500	400	600	500
	1972	600	800	1,100	1,100
	1973	800	800	1,200	1,500
	1974	1,200	1,400	1,600	1,200
	1975	1,400	1,100	700	1,200
	1976	800	800	800	1,000
	1977	800	700	900	800
	1978	1,000	1,200	1,000	900
Natural sciences, engineering and mathematics	1971	700	1,200	800	600
	1972	700	700	1,000	1,100
	1973	1,800	1,400	1,400	3,400
	1974	2,200	2,600	2,900	1,800
	1975	2,000	1,400	1,000	700
	1976	1,300	1,000	900	900
	1977	1,000	1,200	900	1,000
	1978	1,800	1,800	1,400	2,300
Medicine and health	1971	500	700	1,200	900
	1972	600	1,000	800	1,100
	1973	1,100	1,200	1,900	1,100
	1974	1,300	1,700	2,100	1,000
	1975	1,000	600	1,000	700
	1976	300	300	600	300
	1977	400	400	500	400
	1978	400	300	700	400
Clerical and related	1971	2,000	2,700	2,900	2,300
	1972	1,900	3,300	4,900	3,900
	1973	4,500	3,900	4,900	4,200
	1974	5,800	5,300	8,200	4,000
	1975	4,400	4,200	3,800	3,300
	1976	2,500	3,000	4,800	2,500
	1977	2,400	2,300	3,100	2,100
	1978	2,500	2,800	2,800	2,600

Table 11.21 (cont'd)
Current Full-Time Job Vacancies by Selected Occupation¹, Canada and Ontario, Quarterly,
1971 – 1978

		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Sales	1971	1,100	1,100	2,900	2,000
	1972	1,000	2,100	4,000	3,900
	1973	2,400	2,700	2,500	2,100
	1974	2,400	2,100	3,700	1,900
	1975	1,700	1,200	1,800	1,700
	1976	1,400	1,000	1,400	1,400
	1977	1,300	1,500	1,100	1,100
	1978	1,100	1,200	1,200	1,200
Service	1971	800	800	1,300	1,100
	1972	1,400	1,500	4,400	3,400
	1973	2,400	4,300	4,300	2,900
	1974	2,900	4,700	4,600	3,300
	1975	2,300	2,900	2,800	1,600
	1976	1,200	1,700	2,100	1,000
	1977	1,400	2,900	2,000	1,300
	1978	900	1,300	1,300	1,200
Machining and related	1971	700	400	700	700
	1972	1,000	1,300	2,100	3,200
	1973	2,500	2,700	3,900	3,800
	1974	3,800	4,900	4,000	2,000
	1975	1,100	1,500	900	1,100
	1976	1,000	1,000	900	800
	1977	900	1,300	1,600	1,600
	1978	1,200	1,500	1,600	2,200
Product fabricating, assembling and repairing	1971	800	1,100	2,200	2,700
	1972	2,200	2,600	7,300	5,100
	1973	4,100	5,300	6,500	4,600
	1974	5,400	6,700	8,200	4,200
	1975	2,400	2,700	3,000	2,700
	1976	1,900	3,400	3,600	1,700
	1977	2,000	2,900	3,100	1,700
	1978	1,900	1,800	2,800	3,400
Construction trades	1971	200	1,000	1,800	700
	1972	700	700	2,200	2,000
	1973	900	1,600	2,700	1,200
	1974	1,000	1,900	2,300	1,200
	1975	900	1,400	1,400	700
	1976	400	1,700	800	500
	1977	300	1,500	2,000	600
	1978	400	800	800	700

1) Occupations are based on the "Canadian Classification and Dictionary of Occupations 1971".

Source: SC, *Quarterly Report on Job Vacancies*.

Table 11.22

Current Full-Time Job Vacancies by Selected Industry, Canada and Ontario, Quarterly, 1971–1978

		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Canada					
All industries ¹	1971	23,200	33,900	38,500	34,800
	1972	37,800	46,200	79,000	70,200
	1973	66,500	79,000	89,400	77,400
	1974	80,000	98,700	116,200	71,200
	1975	56,300	62,500	63,000	44,800
	1976	44,100	49,300	54,700	35,800
	1977	35,300	43,200	45,500	30,900
	1978	34,300	39,800	45,000	39,500
Ontario					
All industries	1971	9,200	12,100	17,500	13,700
	1972	12,400	18,400	35,100	28,900
	1973	24,800	29,300	36,400	30,400
	1974	31,700	37,900	48,900	25,400
	1975	21,900	20,700	19,800	17,100
	1976	13,500	17,000	19,600	12,300
	1977	12,300	17,800	17,700	12,800
	1978	13,100	15,100	16,600	17,300
Manufacturing	1971	2,400	3,300	4,300	3,500
	1972	4,500	6,500	14,500	9,600
	1973	9,500	11,000	13,800	11,800
	1974	12,100	15,600	19,300	8,900
	1975	5,600	4,900	5,300	5,200
	1976	4,800	5,300	6,900	3,500
	1977	3,900	5,100	4,600	4,500
	1978	4,500	4,900	6,300	7,500
Construction	1971	200	700	1,400	500
	1972	400	500	1,800	2,200
	1973	900	1,800	3,200	1,800
	1974	1,100	2,300	2,100	1,000
	1975	900	1,400	1,200	700
	1976	500	1,500	600	900
	1977	400	1,400	2,200	900
	1978	300	700	700	700
Transportation, communication and other utilities	1971	600	1,000	900	700
	1972	700	900	700	900
	1973	1,100	1,100	1,400	1,000
	1974	2,000	1,900	2,900	1,700
	1975	2,000	2,000	600	1,000
	1976	600	1,600	800	500
	1977	500	1,100	500	300
	1978	400	800	700	700
Trade	1971	1,400	1,400	3,900	3,000
	1972	2,200	2,900	5,600 ^r	5,400
	1973	4,200	4,800	5,700 ^r	3,600
	1974	4,200	4,300	6,900	3,500
	1975	2,800	3,100	3,500	3,300
	1976	2,200	2,300	3,500	2,200
	1977	2,200	2,700	2,900	1,800
	1978	1,800	1,800	2,100	2,300

Table 11.22 (cont'd)

Current Full-Time Job Vacancies by Selected Industry, Canada and Ontario, Quarterly, 1971–1978

		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Finance, insurance and real estate	1971	900	1,000	1,000	1,500
	1972	900	1,700	2,600	3,700
	1973	1,500	1,500	2,000	2,000
	1974	1,800	1,800	2,400	1,700
	1975	2,100	1,500	1,600	700
	1976	900	1,000	1,600	1,100
	1977	800	1,100	1,300	900
	1978	1,400	1,400	1,400	1,500
Community, business and personal services	1971	2,100	3,300	4,200	2,600
	1972	2,600	4,500	8,200	5,500
	1973	5,800	7,400	8,000	7,400
	1974	7,900	9,000	10,400	5,800
	1975	5,000	5,400	5,300	3,900
	1976	3,400	3,800	4,600	2,800
	1977	3,200	4,800	4,900	3,600
	1978	3,500	4,200	4,000	3,700
Commercial ²	1971	1,100	1,300	2,100	1,300
	1972	1,500	2,700	6,500	3,400
	1973	3,800	5,400	5,200	5,600
	1974	5,900	6,600	7,400	4,100
	1975	3,600	3,900	3,600	2,500
	1976	2,500	2,900	3,300	1,800
	1977	2,300	4,000	3,700	1,900
	1978	2,500	3,000	2,800	2,600
Non-commercial ³	1971	1,100	2,000	2,100	1,400
	1972	1,100	1,800	1,800	2,100
	1973	1,900	2,000	2,800	1,800
	1974	2,100	2,400	3,000	1,800
	1975	1,500	1,500	1,700	1,400
	1976	900	900	1,300	1,000
	1977	900	800	1,200	1,600
	1978	1,000	1,200	1,200	1,100
Public administration and defence ⁴	1971	800	1,000	1,300	1,600
	1972	800	1,200	1,300	1,400
	1973	1,300	1,400	1,700	2,000
	1974	1,800	2,400	3,900	1,900
	1975	3,100	2,000	1,700	1,800
	1976	900	1,200	1,300	1,200
	1977	1,000	1,100	1,000	700
	1978	1,100	1,000	900	700

1) Excludes agriculture, fishing and trapping, domestic service and the non-civilian component of public administration and defence.

2) Includes health services (excluding hospitals), motion picture and recreational services, services to business management, personal services (excluding domestic) and miscellaneous services.

3) Includes hospitals, education, welfare and religious organizations.

4) Excludes non-civilian.

Source: SC, *Quarterly Report on Job Vacancies*.

Table 11.23

Union Membership, Canada and Ontario, 1961-1977

	Canada		Ontario		Ontario as Per Cent of Canada
	Number	Per Cent Change From Previous Year	Number	Per Cent Change From Previous Year	
1961	1,446,900	- 0.9	550,000	- 1.1	38.0
1962	1,422,800	- 1.7	538,000	- 2.1	37.9
1963	1,449,200	+ 1.9	553,000	+ 2.7	38.2
1964	1,493,200	+ 3.0	577,100	+ 4.4	38.6
1965	1,588,800	+ 6.4	614,900	+ 6.5	38.7
1966	1,737,800	+ 9.4	655,500	+ 6.6	37.7
1967	1,920,600	+10.5	721,600	+10.1	37.6
1968	2,009,700	+ 4.6	716,200	- 0.8	35.6
1969	2,074,600	+ 3.2	753,500	+ 5.2	36.3
1970	2,173,100	+ 4.7	801,200	+ 6.3	36.9
1971	2,231,200 ^r	+ 2.7	878,900 ^r	+ 9.7	39.4
1972	2,382,200 ^r	+ 6.8 ^r	910,500 ^r	+ 3.6	38.2 ^r
1973	2,591,000 ^r	+ 8.8 ^r	990,500 ^r	+ 8.8	38.2 ^r
1974	2,731,900 ^r	+ 5.4 ^r	1,036,400 ^r	+ 4.6	37.9 ^r
1975	2,884,500 ^r	+ 5.6 ^r	1,083,600 ^r	+ 4.6	37.6 ^r
1976	3,042,300	+ 5.5	1,118,200	+ 3.2	36.8
1977	3,149,200	+ 3.5	1,127,900	+ 0.9	35.8

Source: Ministry of Labour, Research Branch.
 Labour Canada, *Labour Organizations in Canada 1974-75*.
 Labour Canada, *The Labour Gazette*.

Table 11.24
Distribution of Membership of Reporting National Labour Organizations¹ by Affiliation, Canada and Ontario, 1968–1976.

	Membership						Total Membership					
	CLC		CSD		CNTU		PSAC/CLC		Unaffiliated		Total Membership	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
1968												
Canada	228,646	100.0	...	...	145,320	100.0	95,782	100.0	323,394	100.0	793,142	100.0
Ontario	81,934	35.8	...	...	1,089	0.7	39,308	41.0	71,879	22.2	194,210	24.5
1969												
Canada	243,013	100.0	...	...	175,412	100.0	112,755	100.0	314,468	100.0	845,648	100.0
Ontario	86,113	35.4	...	...	36	..	49,829	44.2	73,716	23.4	209,694	24.8
1970												
Canada	256,522	100.0	...	...	185,614	100.0	122,185	100.0	320,024	100.0	884,345	100.0
Ontario	94,939	37.0	...	...	996	0.5	54,355	44.5	72,640	22.7	222,930	25.2
1971												
Canada	274,809	100.0	...	...	184,925	100.0	129,626	100.0	370,988	100.0	960,348	100.0
Ontario	99,589	36.2	...	...	150	0.1	58,283	45.0	89,658	24.2	247,680	25.8
1972												
Canada	299,140	100.0	23,676	100.0	132,658	100.0	133,319	100.0	345,698	100.0	934,491	100.0
Ontario	110,080	36.8	...	...	110	0.1	59,439	44.6	93,314	27.0	262,943	28.1
1973												
Canada	361,031	100.0	37,303	100.0	160,254	100.0	128,308	100.0	377,045	100.0	1,063,941	100.0
Ontario	117,220	32.5	...	...	115	0.1	56,028	43.7	98,482	26.1	271,845	25.5
1974												
Canada	464,298	100.0	27,763	100.0	174,471	100.0	135,827	100.0	393,835	100.0	1,196,194	100.0
Ontario	133,809	28.8	...	...	151	0.1	61,706	45.4 ^r	113,101	28.7	308,767	25.8
1975												
Canada	530,894	100.0	26,101	100.0	152,214	100.0	143,576	100.0	371,649	100.0	1,224,434	100.0
Ontario	153,050	28.8	...	...	187	0.1	66,766	46.5	108,736	29.3	328,739	26.9
1976												
Canada	555,021	100.0	24,987	100.0	150,217	100.0	145,663	100.0	388,091	100.0	1,263,979	100.0
Ontario	162,299	29.2	...	...	185	0.1	67,727	46.5	106,962	27.6	337,173	26.7

¹ Including government employees' organizations.

Source: SC, *Corporations and Labour Unions Return Act, Part II – Labour Unions*.

Table 11.25

Distribution of Membership of Reporting International Labour Organizations by Affiliation, Canada and Ontario, 1968-1976

	Membership										Total Membership	
	AFL-CIO/CLC			AFL-CIO only			CLC only			Unaffiliated		
	Number	%		Number	%		Number	%		Number		%
1968												
Canada	1,109,243	100.0		7,142	100.0		125,227	100.0		111,678	100.0	
Ontario	466,392	42.1		417	5.8		104,083	83.1		61,935	55.5	
1969												
Canada	1,131,752	100.0		471	100.0		124,497	100.0		115,278	100.0	
Ontario	469,522	41.5		391	83.0		102,710	82.5		61,075	52.9	
1970												
Canada	1,168,037	100.0		485	100.0		112,600	100.0		102,059	100.0	
Ontario	485,834	41.6		415	85.6		100,944	89.7		52,922	51.9	
1971												
Canada	1,202,108	100.0		501	100.0		108,623	100.0		103,602	100.0	
Ontario	498,833	41.5		404	80.6		97,548	89.8		52,990	51.1	
1972												
Canada	1,233,643	100.0		475	100.0		113,132	100.0		95,460	100.0	
Ontario	508,466	41.2		392	82.6		101,333	89.6		47,850	50.1	
1973												
Canada	1,281,246	100.0		466	100.0		155,531	100.0		78,928	100.0	
Ontario	517,888	40.4		379	81.3		134,950	86.8		30,443	38.6	
1974												
Canada	1,250,050	100.0		501	100.0		151,806	100.0		84,281	100.0	
Ontario	514,925	41.2		414	82.6		130,129	85.7		31,289	37.1	
1975												
Canada	1,274,888	100.0		-	-		152,427	100.0		84,517	100.0	
Ontario	521,451	40.9		-	-		129,761	85.1		31,712	37.5	
1976												
Canada	1,239,058	100.0		38,089	100.0		151,081	100.0		86,515	100.0	
Ontario	509,336	41.1		9,758	25.6		130,341	86.3		30,697	35.5	

Source: SC, Corporations and Labour Unions Return Act, Part II - Labour Unions.

Table 11.26

Distribution of Collective Agreements of All Reporting Labour Organizations, Canada and Ontario, 1968–1976

	International Unions		National Unions		Government Employees' Organizations		Total	
	Agree- ments	Locals	Agree- ments	Locals	Agree- ments	Locals	Agree- ments	Locals
1968								
Canada	12,921	5,019	4,257	2,633	84	1,992	17,262	9,644
Ontario	5,188	2,190	687	581	60	729	5,935	3,500
1969								
Canada	12,305	4,928	3,309	2,770	105	1,966	15,719	9,664
Ontario	5,048	2,165	673	580	83	722	5,804	3,467
1970								
Canada	12,582	4,886	2,641	3,040	85	2,173	15,308	10,099
Ontario	5,598	2,160	474	613	68	857	6,140	3,630
1971								
Canada	16,231	4,889	3,834	3,210	60	2,262	20,125	10,361
Ontario	7,243	2,163	744	635	33	897	8,020	3,695
1972								
Canada	14,507	4,804	3,723	3,128	61	2,451	18,291	10,383
Ontario	6,351	2,129	809	656	36	1,036	7,196	3,821
1973								
Canada	13,439	4,674	4,201	3,470	202	2,826	17,842	10,970
Ontario	5,677	2,068	856	689	147	1,114	6,680	3,871
1974								
Canada	14,005	4,388	5,010	4,089	286	3,010	19,301	11,487
Ontario	6,195	2,000	1,087	763	160	1,144	7,442	3,907
1975								
Canada	13,639	4,361	5,326	4,301	287	2,874	19,252	11,536
Ontario	5,889	1,992	1,269	863	164	976	7,322	3,831
1976								
Canada	13,656	4,282	5,684	4,476	268	2,939	19,608	11,697
Ontario	5,766	1,981	1,377	914	164	1,000	7,307	3,895

Source: SC, *Corporations and Labour Unions Return Act, Part II – Labour Unions*.

Table 11.27
Strikes and Lockouts, Ontario, 1958–1978

Duration of Strikes and Lockouts in Man-Days								
Ontario								
Number of Strikes and Lockouts	Employees Involved		Canada	As a Per- cent of Canada		Per Employee Involved	Per Cent of Estimated Working Time	
	Number	Per Strike and Lockout		Number				
1958	132	58,467	443	2,872,340	1,918,030	66.8	32.8	..
1959	104	25,540	246	2,286,900	267,730	11.7	10.5	..
1960	156	24,085	154	738,700	337,370	45.7	14.0	..
1961	166	39,817	240	1,335,080	644,770	48.3	16.2	0.14
1962	172	32,985	192	1,417,900	424,590	29.9	12.9	0.09
1963	181	37,744	209	917,140	364,190	39.7	9.6	0.07
1964	188	52,442	279	1,580,550	712,095	45.1	13.6	0.13
1965	269	92,633	344	2,349,870	1,343,001	57.2	14.5	0.24
1966	297	121,110	408	5,178,170	1,356,130	26.2	11.2	0.23
1967	228	65,563	288	3,974,760	1,542,550	38.8	23.5	0.25
1968	286	136,407	477	5,082,732	2,922,090	57.5	21.4	0.46
1969	238	130,909	550	7,751,880	5,318,770	68.6	40.6	0.80
1970	215	81,592	380	6,539,560	2,547,210	39.0	31.2	0.37
1971	205	79,726	389	2,866,590	1,366,750	47.7	17.1	0.20
1972	188	68,590	365	7,753,530	2,072,830	26.7	30.2	0.29
1973	204	108,469	532	5,776,140	1,694,210	29.3	15.6	0.22
1974	339	117,419	346	9,255,120	2,628,000	28.4	22.4	0.33
1975	359	124,773	348	10,908,810	3,175,270	29.1	25.5	0.41
1976	279	109,527	393	10,624,130	1,654,800	15.6	15.1	0.20
1977	243	83,250	343	3,420,960	1,109,039	32.4	13.3	0.13
1978	276	121,771	441	..	2,970,370	..	24.4	0.34

Source: Ministry of Labour, Research Branch, *Union Membership – Strikes and Lockouts*.

Income

Highlights

- **Provincial Accounts** – In 1976, Ontario's Gross Provincial Product (GPP) at market prices was \$74.3 billion; 1977 figures indicate a GPP of \$82.2 billion at market prices, representing a 10.7 per cent increase over 1976. Of the 1977 total GPP, wages, salaries and supplementary labour income accounted for 59.8 per cent, or \$49.2 billion. Corporate profits before taxes accounted for 11.3 per cent and indirect taxes less subsidies for 11.7 per cent. Ontario personal expenditure in 1977 on consumer goods and services represented 58.5 per cent, or \$48.1 billion of \$82.2 billion of Gross Provincial Expenditure (GPE); exports of goods and services abroad accounted for 31.0 per cent or \$25.5 billion.
- **Personal Income** – In 1977, Ontario personal income per capita was \$8,109, an increase of 9.2 per cent over the 1976 figure of \$7,424; in Canada in 1977 the per capita income was \$7,411, an increase of 9.1 per cent over the 1976 figure of \$6,796. Ontario personal disposable income represented 39.5 per cent of personal disposable income in Canada in 1977.

Preliminary 1977 figures suggest that 20.5 per cent of unattached individuals in Ontario have an annual income under \$3,000; in Canada 22.4 per cent of unattached individuals were in this category. In 1977, 17.0 per cent of the unattached individuals and 67.9 per cent of the families surveyed in Ontario had an income of \$15,000 and over per annum; in Canada the comparable figures were 14.6 per cent and 61.9 per cent, respectively.

In 1977, 30.8 per cent of the families and 34.6 per cent of unattached individuals classified as being in the revised low income bracket in Canada resided in Ontario. In the same year, Ontario had 35.3 per cent of the families and 38.5 per cent of unattached individuals classified as not being in the low income bracket. In 1977, 10.5 per cent of all families and 35.3 per cent of all unattached individuals were classified as being in the low income category in Ontario.

- **Wages** – The minimum hourly wage in Ontario for general workers has risen from \$1.00 as of December 27, 1965 to \$3.00 as of January 1, 1979. Ontario's industrial composite for average weekly earnings in 1978 was \$264.04, compared with \$265.40 for Canada; average weekly earnings in manufacturing in Ontario were \$293.11, compared with \$285.72 for Canada; in mining, the average weekly figure for Ontario was \$348.46 and \$376.41 for Canada. Windsor in 1978 had an industrial composite for average weekly earnings of \$305.23 and average weekly earnings of \$363.71 in manufacturing; Toronto's figures were \$262.67 and \$282.12, respectively.
- **Taxable Income** – Of a total of \$86.0 billion of taxable income for Canada in 1977, Ontario accounted for \$34.4 billion, or 40.0 per cent. In 1977, Ontarians had a total tax payable of \$8.7 billion, an increase of 20.8 per cent over 1975's figure and 7.5 Per cent over 1976.

Definitions

Provincial Income – Net provincial income at factor cost measures the current earnings of Ontario factors of production (land, labour and capital) from productive activity. It includes wages and salaries, profits, interest, net rent and net income of farm and non-farm unincorporated business.

Gross Provincial Product (GPP) – By totalling all costs arising in production, GPP measures the market value of all final goods and services produced in the current period by Ontario factors of production. It is equal to provincial income plus net indirect taxes (indirect taxes less subsidies), plus capital consumption allowances and miscellaneous valuation adjustments.

Gross Provincial Expenditure (GPE) – GPE measures production of final goods and services at market prices, by tracing the disposition of production through final sales to persons, to governments, to business on capital account (including changes in inventories) and to non-residents (exports). Imports of goods and services, payments of interest and dividends to the rest of Canada and federal government income received from or accrued in Ontario are deducted since the purpose is to measure only Ontario production.

Personal Income — The sum of current receipts of income whether or not these receipts represent earnings from production. It includes transfer payments from government (such as family allowances, unemployment insurance benefits and war service gratuities) in addition to wages and salaries, net income of farm and non-farm unincorporated business, interest, dividends and net rental income of persons. It does not include undistributed profits of corporations and other elements of the provincial income not paid out to persons.

Taxable Income — The amount of income taxable after deducting all exemptions and allowances.

Economic Family — Family, as used in this publication, is a group of individuals sharing a common dwelling unit and related by blood, marriage or adoption. At the time of survey all relatives living together were considered to comprise one family whatever the degree of family relationship. No recall or adjustment was made to account for persons who were members of the family for part of the year and who left because of marriage, death or other reasons. Some family units existing at the time of the survey were not family units during the whole year; for example, a couple who married in the middle of 1975.

Unattached Individual — A person living by himself or rooming in a household where he is not related to other household members.

Family Unit — Designates collectively unattached individuals and families of two or more members.

Income — Total monetary income received before deduction for such items as income tax, unemployment insurance and pension fund contributions. It consists of wages and salaries, net income from self-employment, investment income, government transfer payments and miscellaneous other components such as retirement pensions, annuities, scholarships, alimony and the like.

Updated Cut-Offs — Determined by adjusting the low income limits developed in 1961 for increasing prices, as reflected in the Consumer Price Index. These income limits were selected on the basis that urban families with incomes below these limits usually spent 70 per cent or more of their income on food, shelter and clothing.

Revised Cut-Offs — Determined from an analysis of 1969 Family Expenditure data. As a result, the revised low income limits reflect more recent consumption patterns of Canadian families. As the overall ratio spent on food, shelter and clothing had declined, families who on average spent 62 per cent or more of their income on this type of goods and services were considered to be in straitened circumstances. These limits were differentiated by size of area of residence in addition to family size.

Industrial Composite — Represents the sum of industries included in the mail survey of the Labour Division of Statistics Canada.

Quintile — Quintile data were compiled by ranking weighted sample records of economic families (families with 2 or more individuals) by size of total income in current dollars. The array was then divided into five equal parts.

Weighting Procedure: The respondent-sampled families from the survey were assigned weights to blow the sample up to national estimates and to compensate for non-response in any particular category of families. The following paragraphs explain how this weighting factor is derived.

Provincial estimates of the number of families and unattached individuals were classified by certain characteristics and used to apply weights to the original sample. Weighting characteristics used were the following:

- (a) family size (whether an unattached individual or a family of two or more);
- (b) sex of unit head;
- (c) labour force status of the head (whether paid worker, self-employed non-farm, self-employed farm, or not in the labour force).

On the basis of the family definition employed in the Survey of Consumer Finance, independent estimates of the number of family units by the above characteristics were developed on a provincial basis using special unpublished data from the 1971 Census and various other Statistics Canada sources.

The weighting factor was derived by dividing the estimate for each category by the actual count of respondent family units, with or without income, in that category.

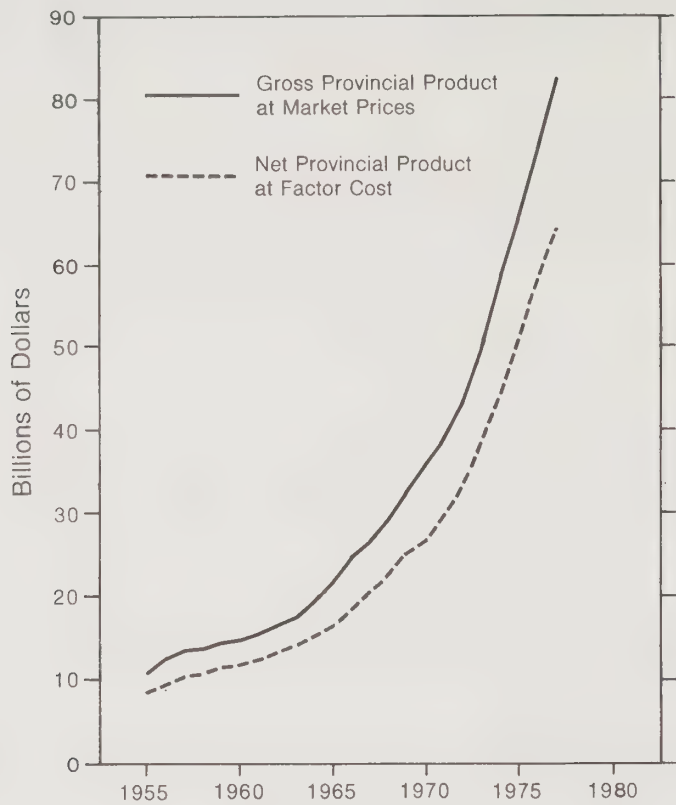
Economic Family: The family is defined as a group of 2 or more individuals sharing a common dwelling unit and related by blood, marriage or adoption. Thus, all relatives living together were considered to comprise one family whatever the degree of family relationship. Aside from single sons and daughters, other relatives most commonly found living in the household were married sons and daughters and widowed parents.

Head of Family: For the purposes of this report the head of a family is determined as follows: (i) in families consisting of married couples with or without children, the husband is considered the head, (ii) in single-parent families with unmarried children, the parent is the head, (iii) in single-parent families with married children, the member who is mainly responsible for the maintenance of the family becomes the head, (iv) in

families where relationships are other than husband-wife or parent-child, the eldest in the family is normally considered the head.

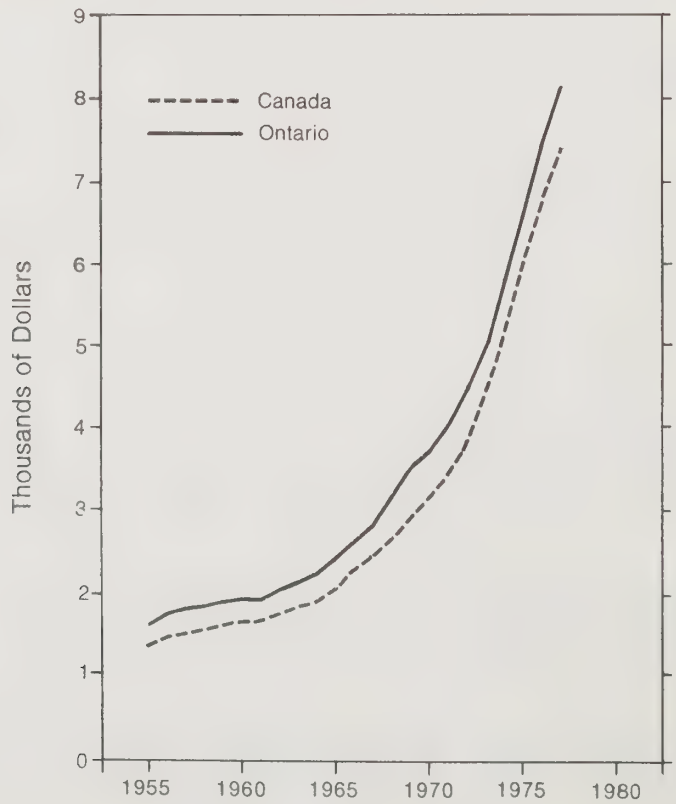
Average Income – Average Income = $\frac{\text{Aggregate total income}}{\text{Estimated number of families in the category}}$

Graph 12.A
Provincial Income and Gross Provincial Product, Ontario, 1955-1977



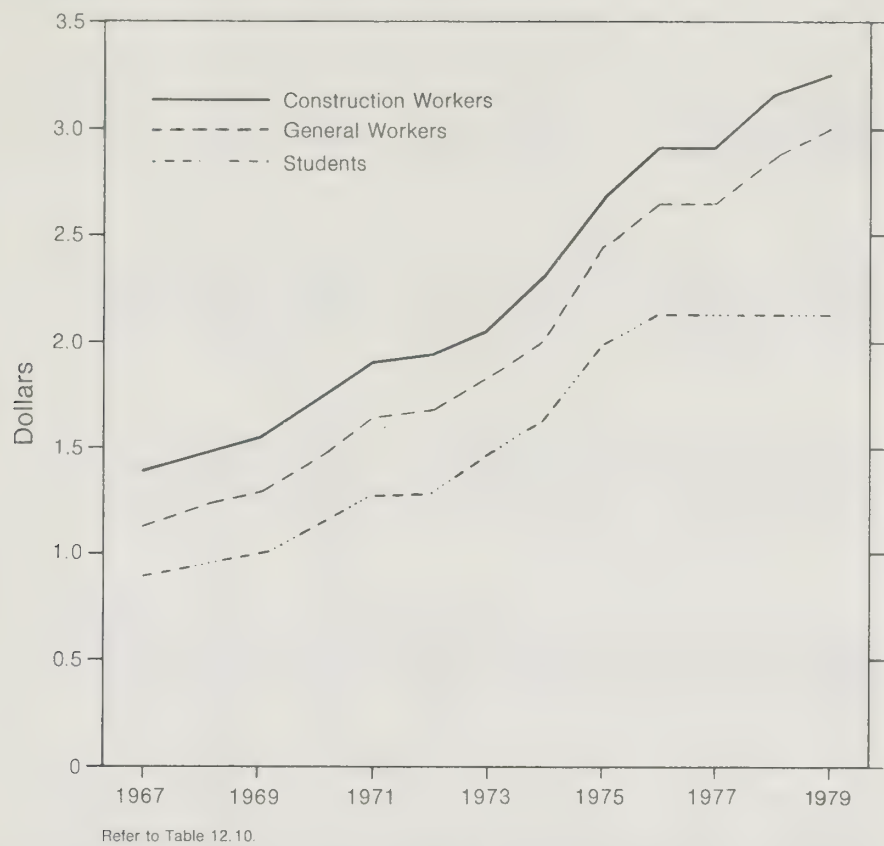
Refer to Table 12.1.

Graph 12.B
Personal Income per Person, Canada and Ontario, 1955-1977



Refer to Table 12.5.

Graph 12.C
Minimum Hourly Wages, Ontario, 1967-1979



Graph 12.D
Average Weekly Earnings, Industrial Composite Manufacturing and Mining, Ontario, 1950-1978

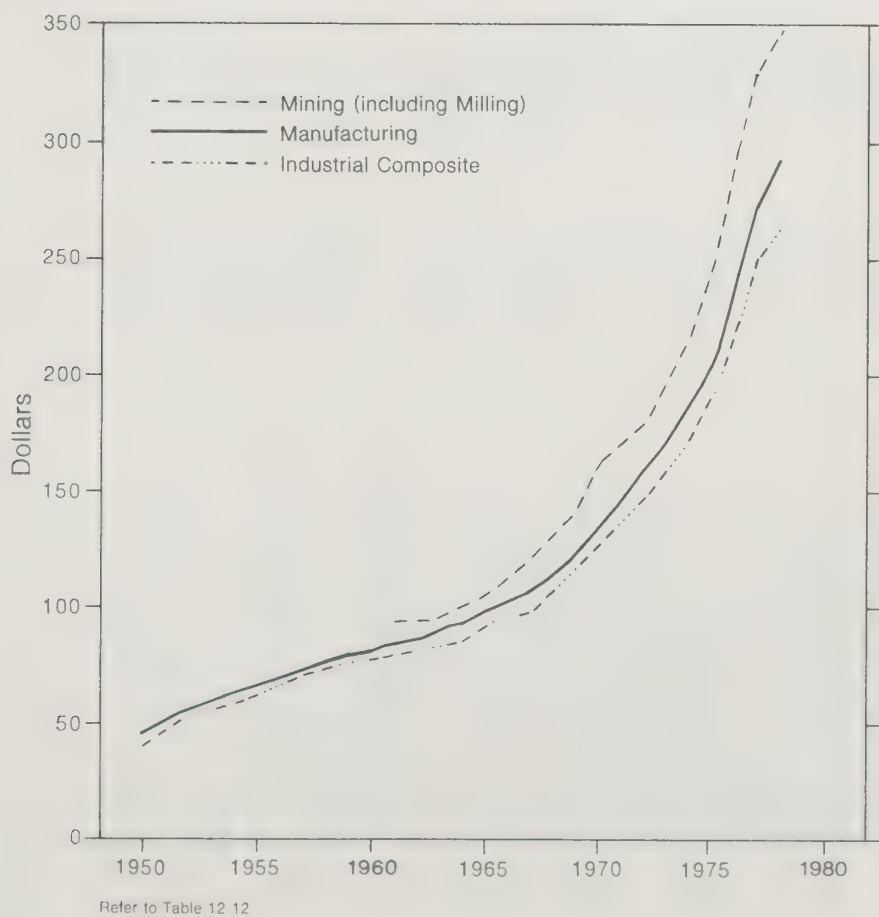


Table 12.1
Provincial Income and Gross Provincial Product, Ontario, 1965, 1971-1977

	1965	1971	1972	1973	1974	1975	1976	1977
	\$ Million							
1. Wages, salaries and supplementary labour income	11,840	22,304	24,888	28,536	33,619	38,554	44,295	49,148
2. Military pay and allowances	205	288	314	342	375	408	447	479
3. Corporate profits before taxes	2,793	3,881	4,857	6,770	8,304	8,160	8,395	9,240
4. Deduct: Dividends paid to non-residents	-538	-682	-828	-1,060	-1,252	-1,245	-1,188	-1,244
5. Interest and miscellaneous investment income	696	1,280	1,684	2,054	2,661	2,993	3,764	4,172
6. Accrued net income of farm operators from farm productions	300	354	441	590	735	839	718	790
7. Net income of non-farm unincorporated business including rent	1,578	2,463	2,547	2,711	2,785	2,941	3,212	3,369
8. Inventory valuation adjustment	-141	-291	-458	-984	-1,621	-1,172	-907	-1,317
9. Net Provincial Income at Factor Cost	16,733	29,597	33,445	38,959	45,606	51,478	58,736	64,637
10. Indirect taxes less subsidies	3,099	5,260	6,005	6,829	7,773	7,135	8,622	9,585
11. Capital consumption allowances and miscellaneous valuation adjustments	2,438	3,953	4,329	4,850	5,755	6,387	7,174	8,078
12. Residual error of estimate	-609	-267	-202	-81	+ 829	+ 580	-274	-133
13. Gross Provincial Product at Market Prices	21,661	38,543	43,577	50,557	59,963	65,580	74,258	82,167

Source: Ministry of Treasury and Economics, Central Statistical Services.

Table 12.2
Gross Provincial Expenditure, Ontario, 1965, 1971-1977

	1965	1971	1972	1973	1974	1975	1976	1977
	\$ Million							
1. Personal expenditure on consumer goods and services	13,052	22,490	25,375	28,568	33,439	38,460	43,413	48,073
2. Government expenditure on goods and services								
a) Current expenditure	2,843	6,480	7,249	7,944	9,167	10,939	12,191	13,662
b) Capital expenditure	2,055	5,266	5,925	6,582	7,610	9,153	10,398	11,640
3. Business gross fixed capital formation	788	1,214	1,324	1,362	1,557	1,786	1,793	2,022
4. Value of physical change in inventories								
a) New residential and non-residential construction	3,506	6,193	6,918	8,414	10,231	11,142	12,006	12,561
b) New machinery and equipment	1,850	3,646	4,210	5,012	5,984	6,221	6,912	6,994
5. Exports of goods and services	1,656	2,547	2,708	3,402	4,247	4,921	5,094	5,567
a) Non-farm business inventories	544	-79	409	305	1,212	-275	331	274
b) Farm inventories and grain in commercial channels	590	193	382	519	1,191	-265	249	40
6. Exports of goods and services abroad	-46	-272	27	-214	21	-10	82	234
7. Exports of labour services to federal government	5,633	11,012	12,236	14,948	18,468	19,347	22,044	25,473
8. Exports of labour services to federal government	-5,165	-9,023	-10,196	-11,345	-13,786	-15,932	-18,585	-20,742
9. Exports of labour services to federal government	723	1,361	1,555	1,765	2,123	2,439	2,619	2,879
10. Exports of labour services to federal government								
Investment income received from or accrued in Ontario	-93	-174	-208	-193	-208	-97	-139	-245
Dividends received from R.O.C. ¹	183	218	401	569	711	638	601	584
11. Residual error of estimate	-175	-203	-364	-500	-566	-501	-497	-486
12. Gross Provincial Expenditure at Market Prices	+ 610	+ 268	+ 202	+ 82	-828	-580	+ 274	+ 134
	21,661	38,543	43,577	50,557	59,963	65,580	74,258	82,167

¹) R.O.C. = rest of Canada.

Source: Ministry of Treasury and Economics, Central Statistical Services.

Table 12.3
Summary of Personal Income, Canada and Ontario, 1950-1977

	Canada			Ontario			Ontario as % of Canada		
	Personal Income		Personal Disposable Income \$ Million	Personal Income		Personal Disposable Income \$ Million	Personal Income	Personal Disposable Income	Transfers to Government ¹
	Amount \$ Million	Per Capita \$		Amount \$ Million	Per Capita \$				
1950	14,262	1,040	13,285	5,638	1,261	5,208	39.5	39.2	44.0
1951	16,791	1,199	15,435	6,521	1,418	5,916	38.8	38.3	44.6
1952	18,592	1,286	16,922	7,207	1,505	6,467	38.8	38.2	44.3
1953	19,550	1,317	17,718	7,681	1,555	6,860	39.3	38.7	44.8
1954	19,717	1,290	17,868	7,930	1,550	7,090	40.2	39.7	45.4
1955	21,265	1,355	19,331	8,525	1,619	7,644	40.1	39.5	45.6
1956	23,531	1,463	21,307	9,320	1,724	8,273	39.6	38.8	47.1
1957	25,170	1,515	22,714	10,211	1,812	9,066	40.6	39.9	46.6
1958	26,651	1,560	24,313	10,802	1,856	9,745	40.5	40.1	45.2
1959	28,108	1,608	25,440	11,406	1,911	10,167	40.6	40.0	46.4
1960	29,595	1,656	26,567	11,923	1,951	10,529	40.3	39.6	46.0
1961	30,104	1,651	26,904	12,187	1,954	10,720	40.5	39.8	45.8
1962	32,788	1,764	29,340	13,098	2,062	11,533	39.9	39.3	45.4
1963	34,829	1,840	31,168	13,976	2,156	12,320	40.1	39.5	45.2
1964	37,282	1,933	33,049	15,030	2,267	13,106	40.3	39.7	45.5
1965	41,071	2,091	36,263	16,537	2,436	14,301	40.3	39.4	46.5
1966	46,094	2,303	39,901	18,655	2,680	15,850	40.5	39.7	45.3
1967	50,579	2,482	43,123	20,553	2,884	17,233	40.6	40.0	44.5
1968	55,677	2,690	46,820	22,844	3,146	18,855	41.0	40.3	45.0
1969	61,804	2,943	50,911	25,629	3,470	20,696	41.5	40.7	45.3
1970	66,633	3,129	54,009	27,974	3,705	22,189	42.0	41.1	45.8
1971	74,092	3,435	59,943	30,966	4,020	24,567	41.8	41.0	45.2
1972	83,767	3,842	68,100	34,822	4,459	27,893	41.6	41.0	44.2
1973	97,832	4,438	79,719	39,884	5,043	32,104	40.8	40.3	43.0
1974 ^f	116,867	5,226	94,545	47,060	5,843	37,853	40.3	40.0	41.2
1975 ^f	136,328	6,006	111,124	53,887	6,594	43,754	39.5	39.4	40.2
1976 ^f	156,267	6,796	126,419	61,353	7,424	49,581	39.3	39.2	39.4
1977	172,370	7,411	139,475	67,739	8,109	55,062	39.3	39.5	38.5

1) Personal direct taxes and other current transfers to government obtained by subtracting personal disposable income from personal income.

Source: SC, *National Income and Expenditure Accounts*.

Table 12.4

Personal Income,¹ by Province, Canada², 1950-1977

	Canada	Ontario	New- found- land	Prince Edward Island	Nova Scotia	New Brun- swick	Québec	Mani- toba	Saskat- chewan	Albarta	British Colum- bia	Yukon & North- west Terri- tories	Foreign Countries ³
							\$ Million						
1950	14,262	5,638	186	55	494	374	3,547	810	722	955	1,477 ⁴	...	4
1951	16,791	6,521	209	64	533	415	4,085	938	1,069	1,250	1,665	26	16
1952	18,592	7,207	229	78	604	438	4,558	1,006	1,213	1,344	1,863	31	21
1953	19,550	7,681	256	65	637	447	4,862	1,012	1,138	1,417	1,976	34	25
1954	19,717	7,930	272	69	664	468	5,029	1,002	824	1,346	2,050	39	24
1955	21,265	8,525	292	67	683	489	5,296	1,073	1,058	1,475	2,242	43	22
1956	23,531	9,320	325	85	732	534	5,840	1,206	1,205	1,719	2,482	59	24
1957	25,170	10,211	350	77	785	556	6,363	1,223	1,037	1,749	2,728	59	32
1958	26,651	10,802	361	83	820	585	6,655	1,352	1,156	1,958	2,786	59	34
1959	28,108	11,406	383	96	874	626	7,005	1,419	1,200	2,039	2,948	61	51
1960	29,595	11,923	412	97	920	664	7,422	1,492	1,352	2,134	3,058	63	58
1961	30,104	12,187	440	102	946	671	7,828	1,436	1,084	2,199	3,091	59	61
1962	32,788	13,098	462	114	995	707	8,446	1,611	1,529	2,411	3,279	62	74
1963	34,829	13,976	493	116	1,043	751	8,933	1,647	1,686	2,535	3,509	67	73
1964	37,282	15,030	531	128	1,108	809	9,742	1,775	1,539	2,652	3,822	70	76
1965	41,071	16,537	604	137	1,181	880	10,685	1,892	1,789	2,941	4,271	69	85
1966	46,094	18,655	680	151	1,302	979	11,880	2,039	2,047	3,374	4,817	80	90
1967	50,579	20,553	755	168	1,446	1,067	13,175	2,280	1,932	3,665	5,348	90	100
1968	55,677	22,844	837	189	1,580	1,183	14,193	2,523	2,187	4,111	5,837	104	89
1969	61,804	25,629	923	205	1,766	1,295	15,565	2,704	2,269	4,589	6,645	122	92
1970	66,633	27,974	1,025	229	1,895	1,412	16,682	2,857	2,133	4,953	7,245	148	80
1971	74,092	30,966	1,143	243	2,100	1,576	18,369	3,192	2,555	5,534	8,182	158	74
1972	83,767	34,822	1,301	287	2,436	1,810	20,823	3,564	2,767	6,267	9,417	193	80
1973	97,832	39,884	1,526	355	2,850	2,105	24,067	4,244	3,673	7,471	11,331	235	91
1974 ⁵	116,867	47,060	1,903	400	3,375	2,539	28,980	4,985	4,519	9,019	13,687	293	107
1975 ⁵	136,328	53,887	2,260	493	3,895	3,077	33,816	5,880	5,623	11,085	15,838	347	127
1976 ⁵	156,267	61,353	2,573	551	4,417	3,481	39,229	6,533	6,311	12,961	18,320	401	137
1977	172,370	67,739	2,842	597	4,916	3,814	43,334	7,099	6,399	14,672	20,355	453	150

1) In current dollars.

2) Geographical distributions of only the main components of personal income are given, therefore, the provincial totals will not add to the Canadian total.

3) Income of Canadians temporarily abroad, including pay and allowances of Canadian Armed Forces abroad.

4) In 1950, data for the Yukon and Northwest Territories are included with those for British Columbia.

Source Cansim, *Personal Income, Geographical Distribution*.

Table 12.5
Personal Income¹ per Person, by Province, Canada, 1950-1977

	Canada	Ontario	New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon & Northwest Territories
							\$					
1950	1,040	1,261	530	573	774	730	894	1,055	867	1,046	1,272 ²	...
1951	1,199	1,418	579	653	829	804	1,007	1,209	1,285	1,331	1,429	1,040
1952	1,286	1,505	612	780	925	833	1,092	1,261	1,439	1,387	1,546	1,240
1953	1,317	1,555	668	644	961	839	1,139	1,251	1,322	1,400	1,583	1,360
1954	1,290	1,550	689	683	987	867	1,146	1,217	944	1,273	1,583	1,444
1955	1,355	1,619	719	670	1,000	894	1,172	1,279	1,205	1,352	1,671	1,483
1956	1,463	1,724	783	859	1,053	962	1,262	1,419	1,368	1,531	1,774	1,903
1957	1,515	1,812	825	778	1,120	989	1,334	1,419	1,178	1,503	1,841	1,903
1958	1,560	1,856	836	830	1,157	1,025	1,357	1,545	1,297	1,624	1,811	1,788
1959	1,608	1,911	868	951	1,216	1,076	1,394	1,593	1,323	1,634	1,881	1,794
1960	1,656	1,951	920	942	1,265	1,127	1,443	1,647	1,478	1,653	1,909	1,750
1961	1,651	1,954	961	971	1,284	1,122	1,488	1,557	1,172	1,651	1,897	1,595
1962	1,764	2,062	987	1,065	1,334	1,169	1,573	1,721	1,644	1,761	1,975	1,550
1963	1,840	2,156	1,036	1,074	1,389	1,233	1,630	1,736	1,807	1,807	2,065	1,634
1964	1,933	2,267	1,099	1,174	1,468	1,324	1,745	1,851	1,634	1,856	2,190	1,667
1965	2,091	2,436	1,238	1,257	1,562	1,431	1,880	1,961	1,883	2,028	2,377	1,683
1966	2,303	2,680	1,379	1,385	1,722	1,587	2,055	2,117	2,143	2,306	2,570	1,860
1967	2,482	2,884	1,513	1,541	1,903	1,721	2,247	2,368	2,019	2,460	2,750	2,045
1968	2,690	3,146	1,654	1,718	2,060	1,893	2,394	2,598	2,278	2,698	2,914	2,311
1969	2,943	3,470	1,796	1,847	2,279	2,062	2,601	2,762	2,368	2,944	3,226	2,596
1970	3,129	3,705	1,983	2,082	2,423	2,252	2,774	2,906	2,267	3,105	3,405	2,960
1971	3,435	4,020	2,190	2,189 ^r	2,662	2,482	3,047	3,231	2,759	3,399	3,745	2,981
1972 ^r	3,842	4,459	2,455	2,540	3,064	2,828	3,440	3,596	3,027	3,782	4,202	3,386
1973 ^r	4,438	5,043	2,842	3,114	3,545	3,253	3,959	4,261	4,059	4,421	4,922	3,917
1974 ^r	5,226	5,843	3,518	3,478	4,156	3,882	4,733	4,950	5,021	5,238	5,761	4,883
1975 ^r	6,006	6,594	4,117	4,214	4,750	4,627	5,473	5,799	6,200	6,235	6,510	5,508
1976 ^r	6,796	7,424	4,611	4,669	5,328	5,142	6,293	6,392	6,852	7,052	7,426	6,169
1977	7,411	8,109	5,039	4,975	5,887	5,552	6,903	6,899	6,829	7,738	8,162	7,078

¹ In current dollars.

² In 1950, data for the Yukon and Northwest Territories are included with those for British Columbia.

Source: Cansim, *Personal Income Per Person, Geographical Distribution*.

Table 12.6

Personal Disposable Income¹, by Province, Canada, 1950-1977

	Canada	Ontario	New found- land	Prince Edward Island	Nova Scotia	New Brun- swick	Québec	Mani- toba	Saskat- chewan	Albarta	British Colum- bia	Yukon & North- west Terr.	Foreign Coun- tries ²
							\$ Million						
1950	13,285	5,208	178	53	466	352	3,325	757	685	894	1,363 ³	...	4
1951	15,435	5,916	196	61	498	390	3,778	876	1,020	1,165	1,498	24	13
1952	16,922	6,467	210	74	559	407	4,185	932	1,142	1,233	1,666	29	18
1953	17,718	6,860	233	62	584	413	4,463	931	1,061	1,297	1,763	30	21
1954	17,868	7,090	250	66	610	431	4,628	919	754	1,227	1,838	35	20
1955	19,331	7,644	269	64	634	456	4,825	987	986	1,358	2,051	39	18
1956	21,307	8,273	298	81	674	495	5,325	1,107	1,141	1,584	2,254	55	20
1957	22,714	9,066	322	73	724	515	5,777	1,118	965	1,594	2,478	55	27
1958	24,313	9,745	338	79	753	531	6,139	1,246	1,071	1,793	2,536	53	29
1959	25,440	10,167	356	92	804	567	6,432	1,289	1,106	1,861	2,667	56	43
1960	26,567	10,529	380	90	832	600	6,751	1,349	1,251	1,940	2,740	56	49
1961	26,904	10,720	405	96	862	612	7,083	1,286	975	1,994	2,767	52	52
1962	29,340	11,533	424	106	908	646	7,633	1,451	1,403	2,188	2,930	55	63
1963	31,168	12,320	453	107	948	683	8,072	1,482	1,550	2,299	3,132	60	62
1964	33,049	13,106	487	120	1,000	735	8,727	1,588	1,385	2,386	3,390	62	63
1965	36,263	14,301	555	125	1,057	791	9,603	1,691	1,609	2,642	3,759	60	70
1966	39,901	15,850	615	136	1,142	864	10,419	1,785	1,819	2,984	4,149	68	70
1967	43,123	17,233	677	150	1,247	934	11,382	1,971	1,666	3,171	4,540	71	81
1968	46,820	18,855	740	167	1,354	1,030	12,077	2,166	1,897	3,515	4,867	85	67
1969	50,911	20,696	806	179	1,489	1,107	13,028	2,245	1,949	3,833	5,414	94	71
1970	54,009	22,189	888	201	1,572	1,187	13,760	2,342	1,789	4,042	5,861	118	60
1971	59,943	24,567	988	211	1,750	1,322	15,002	2,624	2,201	4,505	6,593	122	58
1972	68,100	27,893	1,117	249	2,017	1,522	16,990	2,949	2,378	5,121	7,652	150	62
1973	79,719	32,104	1,311	310	2,359	1,779	19,513	3,590	3,175	6,129	9,198	183	68
1974 ^r	94,545	37,853	1,609	341	2,760	2,101	23,305	4,162	3,822	7,289	11,000	227	76
1975 ^r	111,124	43,754	1,913	423	3,198	2,575	27,300	4,970	4,770	9,055	12,808	270	88
1976 ^r	126,419	49,581	2,149	468	3,615	2,886	31,344	5,459	5,311	10,446	14,747	315	98
1977	139,475	55,062	2,374	507	4,043	3,159	34,212	5,965	5,301	11,909	16,466	368	109

¹ Personal disposable income consists of total personal income less personal direct taxes and other current transfers to government from persons. The figures are in current dollars.

² Taxes and other transfers paid by Canadians temporarily abroad, with the exception of employer and employee contributions to public service pensions from the year 1951 on, cannot be estimated separately and are included in the provincial estimates.

³ In 1950, data for the Yukon and Northwest Territories are included with those for British Columbia.

Table 12.7

Comparison of Low Income Families and Unattached Individuals with Other Families and Unattached Individuals, by Region, 1971-1977

	Based on Updated Low Income Cut-Offs ¹				Based on Revised Low Income Cut-Offs ¹			
	Families		Unattached Individuals		Families		Unattached Individuals	
	Low Income	Other	Low Income	Other	Low Income	Other	Low Income	Other
Per cent								
1971								
Ontario	26.1	39.3	30.6	38.2	...	...	...	...
Atlantic Provinces	14.3	7.6	10.0	6.4	...	...	...	...
Québec	29.9	26.4	27.5	25.3	...	...	...	...
Prairie Provinces	21.6	15.5	17.3	18.0	...	...	...	...
British Columbia	8.0	11.2	14.6	12.2	...	...	...	...
1972								
Ontario	27.8	39.4	32.3	37.7	...	...	...	...
Atlantic Provinces	12.7	7.7	10.3	5.3	...	...	...	...
Québec	30.7	26.8	28.1	27.2	...	...	...	...
Prairie Provinces	20.7	15.5	18.0	16.0	...	...	...	...
British Columbia	8.1	10.6	11.4	13.9	...	...	...	...
1973								
Ontario	29.4	38.4	35.1	37.4	29.8	38.5	34.4	38.2
Atlantic Provinces	13.8	8.2	8.3	5.7	12.5	8.3	7.3	6.1
Québec	29.0	26.7	27.8	26.6	30.8	26.3	27.3	26.7
Prairie Provinces	20.4	15.3	19.9	15.2	19.6	15.3	18.9	15.3
British Columbia	7.4	11.5	8.9	15.0	7.3	11.6	12.0	13.7
1974								
Ontario	27.1	38.9	34.8	38.3	28.4	38.9	33.7	39.5
Atlantic Provinces	14.3	8.1	8.7	5.8	12.4	8.2	7.8	5.9
Québec	31.2	26.2	30.1	22.9	32.8	25.9	29.4	22.4 ^r
Prairies	19.8	15.7	17.5	17.4	18.8	15.7	17.9	17.1
British Columbia	7.6	11.2	8.9	15.5	7.6	11.2	11.1	15.1
1975 ^r								
Ontario	...	...	...	...	30.3	38.0	31.8	39.2
Atlantic Provinces	...	...	...	...	11.3	8.5	8.0	6.0
Québec	...	...	...	...	30.2	26.4	30.3	22.7
Prairie Provinces	...	...	...	...	18.7	15.7	16.5	17.3
British Provinces	...	...	...	...	9.4	11.5	13.3	14.8
1976 ^r								
Ontario	...	...	...	...	30.8	36.2	35.0	37.8
Atlantic Provinces	...	...	...	...	11.2	8.6	7.8	6.4
Québec	...	...	...	...	29.7	27.2	27.3	21.0
Prairie Provinces	...	...	...	...	17.2	16.8	18.7	18.6
British Columbia	...	...	...	...	11.1	11.3	11.2	16.3
1977 ^p								
Ontario	...	...	...	...	30.8	35.3	34.6	38.5
Atlantic Provinces	...	...	...	...	11.0	8.8	8.2	6.0
Quebec	...	...	...	...	31.8	27.3	26.7	21.3
Prairie Provinces	...	...	...	...	16.9	16.5	17.8	18.8
British Columbia	...	...	...	...	9.5	12.1	12.7	15.4

1) Refer to the introductory note of this chapter for an explanation of the difference between updated and revised cut-offs.

Source: SC, *Income Distributions by Size in Canada*, Catalogue 13-207.

Income Distributions by Size in Canada, Preliminary Estimates, 1977, Catalogue 13-206.

Table 12.8

Percentage Distribution of Families and Unattached Individuals by Income Group, Canada and Ontario, Selected Years, 1972-1977

	1972		1973		1974		1975		1976		1977 ^p	
	Unattached Individuals	Families	Unattached Individuals	Families	Unattached Individuals	Families	Unattached Individuals	Families	Unattached Individuals	Families	Unattached Individuals	Families
Per Cent												
Canada												
Under \$3,000	46.3	6.8	42.2	5.0	36.3	3.5	31.6	2.8	24.6	1.9	22.4	2.6
\$ 3,000-\$ 4,999	18.4	10.8	17.2	8.8	14.8	7.1	17.5	5.6	20.3	4.8	21.9	3.9
5,000- 6,999	13.8	10.5	14.3	9.2	14.2	7.4	12.4	7.6	12.0	7.0	9.3	6.5
7,000- 8,999	19.8	12.4	10.8	11.2	11.1	8.6	11.4	6.9	9.6	6.5	10.3	5.8
9,000-10,999		14.5	{ 8.3	12.5	{ 13.4	9.7	{ 12.2	7.8	{ 13.9	6.5	{ 12.6	5.7
11,000-11,999		7.1		6.0		5.0		4.7		3.4		3.2
12,000-12,999	1.9	5.9	{ 3.6	6.2	{ 5.1	5.9	{ 7.4	4.8	{ 8.6	3.7	{ 9.0	3.1
13,000-13,999		5.5		5.3		5.3		4.8		3.6		3.6
14,000-14,999		4.5	{ 8.3	5.2	{ 10.0	5.8	{ 11.0	4.9	{ 11.0	4.1	{ 14.6	3.6
15,000-15,999	1.9	6.8		8.3		10.0		9.3		4.0		3.6
16,000-16,999		6.5		9.0		11.0		4.8		4.8		4.1
17,000-17,999		4.8	{ 3.6	7.3	{ 5.2	10.8	{ 7.3	11.8	{ 11.0	3.8	{ 14.6	3.8
18,000-19,999	1.9	4.8		7.3		10.8		14.2		7.6		7.2
20,000-21,999		3.9		5.9		9.8		15.0		7.0		7.3
22,000-24,999	1.9	4.8	{ 3.9	{ 5.9	{ 5.2	{ 9.8	{ 7.3	{ 14.2	{ 11.0	{ 8.6	{ 14.6	{ 8.8
25,000-29,999		4.8										
30,000-34,999		3.9										
35,000 and Over												11.7
												6.8
												8.6
Average Income	4,572	11,300	5,149	12,716	6,099	14,833	6,595	16,613	7,632	19,000	8,088	19,530
Median Income	3,373	10,367	3,927	11,533	4,838	13,516	5,127	15,065	5,807	16,954	6,131	18,137
Sample Size	2,368	9,467	5,468	20,496	2,884	9,637	6,135	20,458	2,833	9,901	5,927	17,336

Table 12.8 (cont'd)

Percentage Distribution of Families and Unattached Individuals by Income Group, Canada and Ontario, Selected Years, 1972-1977

	1972		1973		1974		1975		1976		1977 ^p												
	Unattached Individuals	Families	Unattached Individuals	Families	Unattached Individuals	Families	Unattached Individuals	Families	Unattached Individuals	Families	Unattached Individuals	Families											
Per Cent																							
Ontario																							
Under \$3,000	42.1	5.2	39.8	4.3	33.3	2.7	27.4	2.1	22.9	1.8	20.5	2.5											
\$ 3,000-\$ 4,999	16.9	8.1	15.4	6.8	12.1	5.3	17.8	4.6	18.6	4.6	20.5	3.7											
5,000- 6,999	15.0	7.6	14.8	6.5	14.8	5.7	12.1	6.1	11.7	5.5	9.8	4.5											
7,000- 8,999	{	11.1	11.9	9.1	12.7	6.9	13.0	5.5	9.0	6.1	9.7	4.6											
9,000-10,999		14.8	{	11.6	{	8.7	{	6.3	{	5.8	{	4.9											
11,000-11,999	7.3	6.0		4.7		4.0		2.9		2.6													
12,000-12,999	{	6.5	{	6.8	{	5.5	{	4.3	{	3.1	{	2.6											
13,000-13,999		6.7		5.7		4.7		4.9		3.4		3.3											
14,000-14,999	{	5.2	{	6.1	{	5.9	{	4.7	{	3.7	{	3.4											
15,000-15,999		8.1		9.4		11.9		9.4		3.3		3.4											
16,000-16,999	{	{	{	{	{	{	{	{	{	{	{	{											
17,000-17,999													17,000-17,999	17,000-17,999	17,000-17,999	17,000-17,999	17,000-17,999	17,000-17,999	17,000-17,999	17,000-17,999	17,000-17,999	17,000-17,999	17,000-17,999
18,000-19,999	{	8.1	{	11.0	{	13.4	{	8.4	{	13.0	{	7.3											
20,000-21,999		6.3		8.9		12.9		17.0		7.4		7.8											
22,000-24,999	{	{	{	{	{	{	{	{	{	{	{	{											
25,000-29,999													{	{	{	{	{	{	{	{	{	{	{
30,000-34,999																								5.0	7.6	11.7	18.0	5.9	10.6
35,000 and over																							
Average Income	5,104	12,430	5,596	13,912	6,528	16,144	7,029	18,047	8,177	20,113	8,613	20,988											
Median Income	3,938	11,425	4,365	12,817	5,661	14,980	5,763	16,588	6,394	18,115	6,800	19,622											
Sample Size	702	2,738	1,487	5,568	859	2,777	1,476	5,092	879	2,785	1,159	3,301											

Table 12.9

Incidence of Low Income Among Families and Unattached Individuals, by Region, 1971–1977

	Updated Low Income Cut-offs ¹		Revised Low Income Cut-offs ¹	
	Unattached Families	Individuals	Unattached Families	Individuals
Per cent				
1971				
Ontario	11.2	32.6	...	...
Atlantic Provinces	26.4	48.5	...	...
Québec	17.7	39.6	...	...
Prairie Provinces	20.9	36.8	...	...
British Columbia	12.0	41.9	...	...
1972				
Ontario	10.1	31.3	...	...
Atlantic Provinces	20.8	50.9	...	...
Québec	15.4	35.5	...	...
Prairie Provinces	17.5	37.4	...	...
British Columbia	10.9	30.4	...	...
1973				
Ontario	9.0	31.0	10.7	37.7
Atlantic Provinces	17.9	41.1	19.0	44.9
Québec	12.3	33.5	15.4	40.8
Prairie Provinces	14.6	38.5	16.5	45.5
British Columbia	7.7	22.2	8.9	37.1
1974				
Ontario	7.0 ^r	26.9	8.5 ^r	33.9 ^r
Atlantic Provinces ^r	16.1	37.9	16.2	44.1
Québec ^r	11.4	34.8	13.9	44.1
Prairie Provinces ^r	12.0	28.9	13.2	38.6
British Columbia ^r	6.9	18.9	7.9	30.7
1975				
Ontario	...	...	9.6	33.3
Atlantic Provinces	...	...	15.1	45.2
Québec	...	...	13.3	45.1
Prairie Provinces	...	...	13.7	37.0
British Columbia	...	...	9.9	35.6
1976 ^r				
Ontario	...	...	9.7	32.5
Atlantic Provinces	...	...	14.1	38.7
Québec	...	...	12.1	40.4
Prairie Provinces	...	...	11.4	34.5
British Columbia	...	...	11.0	26.4
1977 ^p				
Ontario	...	...	10.5	35.3
Atlantic Provinces	...	...	14.5	45.5
Québec	...	...	13.6	43.3
Prairie Provinces	...	...	12.1	36.6
British Columbia	...	...	9.6	33.5

¹ Refer to the Introductory note of this chapter for an explanation of the difference between updated and revised cut-offs.Source: SC, *Income Distributions by Size in Canada*, Catalogue 13-207.*Income Distributions by Size in Canada, Preliminary Estimates*, 1977, Catalogue 13-206.

Table 12.10
Minimum Hourly Wages, Ontario, 1965–1979

		General Workers	Construction Workers	Students
		\$		
1965 ¹	(December 27)	1.00	1.25	.80
1969	(January 1)	1.30	1.55	1.00
1970	(October 1)	1.50	1.75	1.15
1971	(April 1)	1.65	1.90	1.30
1973	(February 1)	1.80	2.05	1.45 ²
1974	(January 1)	2.00	2.25	1.65
	(October 1)	2.25	2.50	1.90
1975	(May 1)	2.40	2.65	2.00
1976	(March 15)	2.65	2.90	2.15
1978	(August 1)	2.85	3.15	2.15
1979	(January 1)	3.00	3.25	2.15

1) Zones and sex in regard to minimum wage were eliminated as of December 27, 1965.
2) Since February 1, 1973, the student minimum wage has applied only to students under 18 years of age; there was no age restriction prior to this date.

Source: Ministry of Labour, Research Branch.

Table 12.11
Average Weekly Earnings by Industry, Ontario, 1961–1978

	Industrial Composite	Forestry	Mining, including Milling	Manufac- turing	Construc- tion	Transp., Communica- tion and other Utilities	Trade	Finance, Insurance, and Real Estate	Service
Annual Averages (\$)									
1961	81.30	94.16	96.91	85.77	87.86	87.00	66.41	73.83	59.62
1962	83.65	95.36	97.40	88.47	91.25	89.82	68.06	76.79	61.38
1963	86.22	93.10	99.36	91.70	96.38	93.38	70.16	79.13	62.92
1964	89.82	98.65	102.55	95.48	101.74	97.66	72.08	83.34	65.34
1965	94.41	101.30	108.08	100.18	112.18	102.01 ^r	74.24	90.98	68.52
1966	99.40	109.86	115.35	104.95	123.34	106.46 ^r	78.61	95.97	72.28
1967	105.86	123.90	127.89	111.35	132.14	116.54 ^r	82.94	102.01	77.56
1968	113.54	124.97	138.67	120.00	142.42	127.05	87.85	109.36	82.63
1969	121.56	139.89	148.24	129.15	155.31	137.68	94.05	117.33	87.62
1970	131.52	146.83	166.40	140.13	175.00	148.46	100.84	124.49	94.70
1971	143.04	168.54	177.52	152.14	197.66	161.06	110.25	134.26	103.51
1972	154.92	193.37	188.98	165.18	222.43	175.93	118.68	145.54	112.15
1973	165.70 ^r	221.66 ^r	206.58 ^r	176.98	236.87	188.78	126.21	159.64	120.66
1974	181.43	242.37	229.12	193.52	258.68	210.48	138.32	177.21	130.86
1975	204.85	281.02	265.82	220.23	286.29 ^r	241.32	155.64	197.64	147.96 ^r
1976	228.72	318.30	303.38	249.12	318.91	267.62	170.95	216.77	163.47
1977	249.46	358.40	329.32	273.73	353.32	292.76	184.94	233.80	174.49
1978 ^p	264.04	346.19	348.46	293.11	373.97	314.59	195.97	252.38	181.07

Source: SC, *Employment, Earnings and Hours*.

Table 12.12

Average Weekly Earnings, Industrial Composite, Manufacturing and Mining, Canada and Ontario, 1950–1978

	Industrial Composite		Manufacturing		Mining (including Milling)	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
	\$					
1950	45.08	46.58	46.49	48.40	54.27	..
1951	50.04	51.69	51.68	53.80	60.33	..
1952	54.41	56.36	56.36	59.04	65.79	..
1953	57.53	59.66	59.29	62.31	68.91	..
1954	59.04	61.36	61.15	64.25	70.67	..
1955	61.05	63.55	63.48	66.70	73.53	..
1956	64.44	66.86	66.71	70.11	78.01	..
1957 ^r	67.90	70.63	70.27	73.79	83.58	..
1958 ^r	70.35	73.21	73.10	76.65	86.14	..
1959 ^r	73.40	76.48	76.51	80.38	90.41	..
1960 ^r	75.76	78.74	78.88	82.81	93.19	..
1961 ¹	78.24	81.30	81.55	85.77	95.57	96.91
1962	80.54	83.65	84.00	88.47	98.53	97.40
1963	83.27	86.22	86.90	91.70	101.96	99.36
1964	86.51	89.82	90.42	95.48	105.73	102.55
1965	91.01	94.41	94.78	100.18	111.53	108.08
1966	96.34	99.40	100.16	104.95	119.51	115.35
1967	102.83	105.86	106.54	111.35	129.81	127.89
1968	109.90	113.54	114.44	120.00	139.16	138.67
1969	117.64	121.56	122.97	129.15	148.93	148.24
1970	126.82	131.52	132.75	140.13	164.70	166.40
1971	137.64	143.04	143.99	152.14	177.00	177.52
1972	149.22	154.92	156.10	165.18	190.29	188.98
1973	160.46	165.70 ^r	167.48	176.98	211.42	206.58 ^r
1974	178.09	181.43	185.62	193.52	238.97	229.12 ^r
1975	203.34	204.85	213.43	220.23	280.44	265.82
1976	228.03	228.72	241.19	249.12	317.13	303.38
1977	249.95	249.46	266.04	273.73 ^r	348.12	329.32
1978 ^p	265.40	264.04	285.72	293.11	376.41	348.46

¹⁾ Statistics from 1961 onward are based on the 1960 Standard Industrial Classification and are not comparable with earlier data.

Source: SC, *Employment, Earnings and Hours*.

Table 12.13
Average Weekly Earnings, Industrial Composite and Manufacturing, by Selected Urban Area, Ontario, 1967-1978

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978 ^P
	\$											
Toronto												
Industrial Composite	106.64	114.14	123.09	133.67	144.88	156.51	166.81	182.36	206.09	228.10	247.52'	262.67
Manufacturing	111.59	119.18	129.34	139.63	151.46	163.69	173.84	190.03	216.66	242.02	263.97'	282.12
Hamilton												
Industrial Composite	109.31	116.62	123.06	135.49	147.65	159.90	170.85	186.42	211.42	237.95	257.83'	276.02
Manufacturing	119.55	127.89	136.31	149.82	161.87	177.20	190.37	206.49	237.56	270.88	295.22'	320.17
Kingston												
Industrial Composite	100.76	108.30	115.28	121.24	132.28	143.00	152.94	169.44	190.52	212.85	229.39	240.55
Manufacturing	115.32	125.76	134.29	143.00	158.45	169.98	181.88	204.22	232.48	264.61	287.58	309.51
London												
Industrial Composite	97.54	105.05	113.27	121.41	132.56	144.42	154.86	171.57	193.92	213.28	229.99	245.03
Manufacturing	104.04	112.54	122.12	132.06	144.28	155.78	167.76	187.57	215.43	236.51	257.34'	281.66
Ottawa-Hull												
Industrial Composite	95.86	102.74	110.36	119.17	130.21	142.46	151.09	165.13	186.07	208.62	225.28	239.66
Manufacturing	113.02	122.74	133.10	144.10	152.12	163.13	172.76	190.04	218.03	244.58	269.04	290.75
Thunder Bay												
Industrial Composite	102.36	105.68	117.02	124.69	141.58	149.81	158.70	178.31	203.29	240.11	259.75	274.11
Manufacturing	114.52	119.41	131.91	141.17	153.56	166.56	183.39	206.23	231.39	282.04	315.55	335.65
Windsor												
Industrial Composite	117.19	128.92	137.28	150.80	163.30	183.33	201.17	210.97	229.37	261.70	287.90	305.23
Manufacturing	130.49	145.17	154.47	172.01	187.15	209.58	232.01	244.20	267.43	306.88	341.36	363.71

Source: SC, *Employment, Earnings and Hours*.

Table 12.14

Percentage of Office Employees Who Receive Annual Vacations with Pay, Industrial Composite, Canada and Ontario, 1967-1977¹

	Survey Coverage		Vacation with Pay						
	Total Number of Reporting Units	Total Number of Employees	Provide Vacations with Pay	Number of Weeks					
				1	2	3	4	5	6
Per cent									
1967									
Canada	22,556	1,107,209	100	56	86	92	76	11	-
Ontario	9,111	486,833	100	59	86	92	76	12	-
1968									
Canada	22,953	1,201,492	100	60	85	93	80	15	1
Ontario	9,194	540,815	100	63	85	94	80	16	1
1969									
Canada	22,986	1,234,264	100	56	83	94	82	19	1
Ontario	9,266	560,539	100	63	84	94	82	22	2
1970									
Canada	23,806	1,120,404	100	64	95	94	84	18	2
Ontario	9,606	522,032	100	66	96	95	85	20	2
1971									
Canada	22,715	1,132,915	100	62	92	95	86	27	3
Ontario	9,186	519,892	100	67	97	96	87	30	3
1972									
Canada	21,073	1,136,643	100	52	81	96	87	44	3
Ontario	8,520	527,603	100	54	83	96	88	49	4
1973									
Canada	21,261	1,147,573	100	48	77	95	88	51	4
Ontario	8,682	538,132	100	51	74	96	88	59	5
1974									
Canada	18,902	1,143,080	100	48	75	97	90	55	8
Ontario	7,830	530,471	100	47	73	97	90	63	10
1975									
Canada	17,281	1,165,679	100	41	74	97	92	59	13
Ontario	7,102	507,429	100	45	77	98	92	63	12
1976									
Canada	17,497	1,252,230	100	35	71	98	93	67	14
Ontario	7,185	565,728	100	38	71	98	93	68	15
1977									
Canada	15,246	1,261,728	100	..	70	98	95	76	16
Ontario	6,314	570,010	100	..	70	99	95	77	16

¹) All percentages in this table are proportions of the number of employees in reporting units which practise these actual vacation benefits given under "Survey Coverage".

Source: Labour Canada, *Working Conditions in Canadian Industry*.

Table 12.15
Percentage of Non-Office Employees Who Receive Annual Vacations with Pay, Industrial Composite, Canada and Ontario, 1967-1977¹

	Survey Coverage		Provide Vacations with Pay	Vacation with Pay					
	Total Number of Reporting Units	Total Number of Employees		Number of Weeks					
				1	2	3	4	5	6
Per cent									
1967									
Canada	21,410	2,257,042	99	60	91	81	60	10	-
Ontario	8,693	966,510	100	66	95	83	61	13	-
1968									
Canada	21,606	2,246,546	99	62	92	84	64	14	1
Ontario	8,719	957,208	100	71	96	86	66	18	1
1969									
Canada	21,381	2,246,113	99	56	93	83	66	18	2
Ontario	8,644	964,373	99	69	95	84	67	23	3
1970									
Canada	22,177	1,913,508	98	56	93	83	69	21	2
Ontario	9,006	835,535	99	66	95	85	71	25	3
1971									
Canada	21,297	1,929,928	99	51	94	85	71	31	3
Ontario	8,647	832,808	99	63	97	87	73	34	5
1972									
Canada	19,648	1,871,012	99	47	92	86	72	41	4
Ontario	7,975	811,257	100	60	97	88	75	47	6
1973									
Canada	19,664	1,920,668	99	48	91	88	74	46	5
Ontario	8,059	828,105	100	61	93	89	76	51	7
1974									
Canada	17,525	1,779,656	100	42	91	89	77	51	12
Ontario	7,209	782,781	100	48	95	90	79	56	13
1975									
Canada	15,937	1,692,355	100	36	85	91	82	56	18
Ontario	6,545	715,284	100	41	92	92	82	60	19
1976									
Canada	15,956	1,707,031	100	34	90	92	84	60	21
Ontario	6,589	741,517	100	37	94	93	84	62	23
1977									
Canada	13,882	1,588,684	100	..	89	93	86	64	23
Ontario	5,775	696,760	100	..	94	94	86	66	24

1) All percentages in this table are proportions of the number of employees in reporting units which practise these actual vacation benefits given under "Survey Coverage".

Source: Labour Canada, *Working Conditions in Canadian Industry*.

Table 12. 16

Total Income and Taxable Income, by Region, Canada, 1969-1977

Taxable and Non-Taxable Returns	Canada	Ontario	Atlantic Region	Québec	Prairie Region	British Columbia	Northwest Terr. Yukon and Non-Residents
1969							
Number of Returns	8,882,066	3,538,299	688,723	2,236,245	1,439,296	949,136	30,367
Total Income (\$ Million)	46,467.3	19,877.9	2,861.3	11,481.2	6,786.4	5,310.1	150.5
Taxable Income (\$ Million)	29,814.0	13,322.6	1,581.0	7,077.0	4,202.9	3,525.5	105.0
1970							
Number of Returns	9,183,407	3,658,293	718,309	2,310,896	1,479,277	983,921	32,711
Total Income (\$ Million)	50,825.4	21,780.6	3,168.8	12,653.8	7,302.9	5,742.7	176.7
Taxable Income (\$ Million)	33,621.2	15,025.1	1,829.6	8,091.2	4,660.4	3,894.4	120.5
1971							
Number of Returns	9,533,292	3,773,776	749,650	2,419,839	1,521,305	1,038,294	30,428
Total Income (\$ Million)	56,015.5	23,866.0	3,528.7	13,849.7	8,088.5	6,497.2	185.4
Taxable Income (\$ Million)	38,049.5	16,836.8	2,127.7	9,129.5	5,295.8	4,524.9	134.8
1972							
Number of Returns	10,382,005	4,182,099	828,536	2,581,164	1,632,169	1,117,048	40,989
Total Income (\$ Million)	66,248.6	27,979.6	4,408.5	16,226.1	9,644.3	7,691.9	298.1
Taxable Income (\$ Million)	39,208.0	17,313.4	2,251.5	9,309.3	5,436.7	4,710.9	186.3
1973							
Number of Returns	11,557,849	4,645,417	927,687	2,852,374	1,822,377	1,261,286	48,708
Total Income (\$ Million)	94,352.2	38,502.1	6,427.7	22,957.9	14,698.8	11,341.4	424.3
Taxable Income (\$ Million)	58,104.6	24,267.4	3,583.8	13,861.9	8,852.5	7,261.7	277.3
1974							
Number of Returns	11,602,170	4,662,421	929,869	2,864,702	1,829,024	1,265,832	50,322
Total Income (\$ Million)	94,785.1	38,664.7	6,447.3	23,088.5	14,765.8	11,388.0	430.9
Taxable Income (\$ Million)	58,378.6	24,370.9	3,595.4	13,944.3	8,894.9	7,291.8	281.3
1975							
Number of Returns	12,002,400	4,784,138	961,979	2,952,742	1,922,723	1,328,298	52,520
Total Income (\$ Million)	110,703.7	44,234.6	7,658.9	27,005.0	18,008.6	13,288.3	508.3
Taxable Income (\$ Million)	68,519.9	27,774.6	4,362.1	16,449.2	11,084.7	8,522.4	327.1
1976							
Number of Returns	12,342,712	4,909,113	977,068	3,026,349	2,016,945	1,359,592	53,645
Total Income (\$ Million)	127,295.1	50,370.1	8,708.4	31,462.7	20,856.4	15,324.1	573.3
Taxable Income (\$ Million)	78,627.2	31,439.0	4,958.9	19,267.2	12,774.6	9,818.0	369.5
1977							
Number of Returns	12,585,891	4,995,253	1,004,327	3,071,543	2,066,068	1,393,985	54,715
Total Income (\$ Million)	139,879.5	55,346.5	9,584.2	34,392.5	23,012.6	16,882.6	661.0
Taxable Income (\$ Million)	85,971.3	34,348.7	5,414.4	20,986.4	14,045.4	10,751.6	424.9

Table 12.17
Taxable Returns, by County, Ontario, 1972-1977

	1972			1973		
	Number of	Total	Total Tax	Number of	Total	Total Tax
	Taxable	Income	Payable	Taxable	Income	Payable
	Returns			Returns		
	\$'000's			\$'000's		
Ontario	3,235,810	26,670,088	4,804,481	3,449,964	30,950,474	5,521,681
Algoma	43,060	352,282	60,246	44,808	402,619	67,842
Brant	38,214	289,647	49,061	41,853	346,748	57,011
Bruce	16,744	123,055	19,835	21,169	168,545	26,410
Cochrane	32,462	248,338	40,492	33,160	282,255	45,782
Dufferin	8,326	61,139	10,240	9,722	81,879	13,441
Dundas	5,590	36,206	5,498	6,982	48,258	6,851
Durham	16,572	128,565	21,239	20,207	171,867	28,311
Elgin	23,870	174,807	28,419	26,885	209,713	32,912
Essex	118,223	1,029,861	181,115	127,182	1,196,314	212,992
Frontenac	40,963	332,140	58,708	45,995	404,376	69,268
Glengarry	5,361	36,067	5,719	4,538	35,655	5,306
Grenville	8,893	62,537	9,938	9,923	73,258	11,024
Grey	21,654	149,893	23,189	24,677	178,654	26,093
Haldimand	11,495	87,169	13,835	11,555	92,343	14,475
Haliburton	2,165	14,813	2,216	3,873	24,841	3,240
Halton	46,602	433,202	83,219	50,833	521,419	100,953
Hastings	40,127	296,491	48,377	41,872	324,476	50,830
Huron	15,762	107,841	16,508	18,402	137,769	20,221
Kenora	17,383	131,362	21,334	20,055	162,540	25,963
Kent	37,948	299,679	50,724	42,180	362,955	61,650
Lambton	41,092	357,553	64,026	44,104	415,427	72,831
Lanark	16,135	111,175	17,649	18,080	127,600	18,789
Leeds	19,198	136,715	22,182	19,288	149,058	22,420
Lennox and						
Addington	9,570	67,094	10,448	8,055	59,971	9,007
Manitoulin	2,458	16,413	2,345	2,446	18,515	2,765
Middlesex	120,795	971,542	171,714	130,766	1,162,853	202,388
Muskoka	12,323	82,582	12,332	12,984	99,199	14,852
Niagara	135,830	1,094,508	186,416	142,698	1,239,099	207,282
Nipissing	26,112	201,467	33,497	28,444	231,008	36,643
Norfolk	19,911	140,794	23,056	20,732	153,707	23,841
Northumberland	16,093	117,224	18,562	15,749	119,790	18,504
Ontario	72,559	633,304	114,239	81,962	776,874	142,936
Ottawa-Carleton	214,268	1,960,029	372,120	222,658	2,224,336	420,106
Oxford	33,139	235,285	37,766	35,324	291,236	47,880
Parry Sound	9,335	64,385	9,629	11,913	89,323	13,284
Peel	125,706	1,155,610	223,588	143,196	1,436,120	276,126
Perth	24,650	173,911	27,510	26,990	215,726	33,987
Peterborough	32,327	249,562	41,310	34,660	291,102	48,089
Prescott	7,486	49,311	7,494	9,258	67,898	10,163
Prince Edward	6,618	42,898	6,442	5,876	43,107	6,687
Rainy River	8,559	67,628	11,137	9,201	73,915	11,484
Renfrew	30,927	224,503	35,001	32,602	253,954	38,431
Russell	6,394	45,093	6,879	7,474	56,925	8,542
Simcoe	71,862	519,305	84,597	79,114	627,891	99,749
Stormont	21,918	157,940	24,823	21,916	178,193	27,954
Sudbury	68,887	597,096	105,633	69,017	625,937	107,229
Thunder Bay	56,403	458,912	79,481	60,408	528,216	89,256
Timiskaming	14,725	104,859	15,632	14,638	117,157	16,737
Toronto ¹	...	...	...	...	...	...
Victoria	12,839	87,322	13,130	12,798	96,074	14,354
Waterloo	117,442	896,767	155,208	123,715	1,040,661	176,997
Wellington	45,282	346,761	57,528	47,631	392,195	64,241
Wentworth ²	201,093	1,718,469	313,724	220,727	1,995,387	358,487
York	1,082,460	9,188,989	1,749,470	1,129,669	10,525,536	1,999,065

Table 12.17 (cont'd)
Taxable Returns, by County, Ontario, 1972-1977

	1974			1975		
	Number of Taxable Returns	Total Income	Total Tax Payable	Number of Taxable Returns	Total Income	Total Tax Payable
	\$'000's			\$'000's		
Ontario	3,614,068	36,872,683	6,443,129	3,183,004	40,168,164	7,133,135
Algoma	47,223	478,841	80,585	38,230	503,836	88,925
Brant	40,590	397,429	67,011	35,449	425,673	72,437
Bruce	22,014	209,940	32,710	19,349	248,254	42,816
Cochrane	36,583	356,002	58,331	32,225	369,267	60,012
Dufferin	10,431	97,981	15,978	9,360	113,799	19,293
Dundas	6,557	57,069	8,397	5,915	59,463	8,771
Durham	20,232	190,577	30,839	18,048	212,136	34,184
Elgin	27,087	246,907	38,891	23,568	258,432	38,874
Essex	128,246	1,358,634	231,429	107,617	1,394,149	239,498
Frontenac	48,064	465,684	76,742	41,218	520,504	91,567
Glengarry	5,464	45,649	6,460	4,453	45,014	6,415
Grenville	9,547	90,621	13,942	7,663	85,001	13,452
Grey	26,401	229,268	34,000	20,956	242,288	37,781
Haldimand	13,982	129,807	19,405	11,762	144,627	23,566
Haliburton	3,354	32,863	5,021	2,820	28,605	3,874
Halton	56,046	644,051	122,514	88,940	1,301,915	257,393
Hastings	41,988	387,441	59,488	39,555	451,975	71,030
Huron	18,462	169,785	25,507	17,362	198,522	30,549
Kenora	16,876	168,105	28,056	17,675	214,930	35,865
Kent	44,256	453,315	76,223	38,640	467,378	77,140
Lambton	49,663	537,706	95,062	43,110	572,433	103,199
Lanark	18,362	159,810	23,208	15,120	158,929	23,855
Leeds	21,571	196,091	30,893	20,680	230,862	37,302
Lennox and Addington	8,459	80,794	12,011	8,496	98,245	16,033
Manitoulin	2,147	15,624	1,998	2,260	25,845	3,869
Middlesex	137,336	1,374,668	234,612	116,532	1,458,266	254,041
Muskoka	14,626	128,258	19,082	13,122	150,505	23,173
Niagara	151,371	1,506,602	247,929	127,766	1,577,180	266,445
Nipissing	29,320	282,156	45,071	24,557	285,868	47,312
Norfolk	22,096	206,373	33,975	19,632	229,586	38,525
Northumberland	17,859	165,876	26,286	16,055	180,798	29,401
Ontario	90,556	949,876	168,755	87,083	1,100,152	192,962
Ottawa-Carleton	241,774	2,682,491	491,417	226,273	3,027,474	549,444
Oxford	35,947	333,163	52,320	29,224	353,662	58,070
Parry Sound	10,937	90,085	12,276	10,479	115,201	17,431
Peel	161,864	1,782,628	338,009	154,987	2,078,170	396,728
Perth	27,366	253,362	39,347	24,358	273,836	42,913
Peterborough	36,838	358,456	57,647	30,487	367,680	60,312
Prescott	8,135	72,714	11,312	8,150	89,787	13,794
Prince Edward	7,993	72,678	11,258	7,042	79,510	12,538
Rainy River	8,887	92,305	15,431	8,973	111,914	18,674
Renfrew	33,936	305,744	45,650	26,173	292,741	44,779
Russell	10,354	91,724	13,591	9,013	96,847	14,551
Simcoe	76,860	688,609	106,686	73,438	828,441	131,761
Stormont	24,185	211,104	31,970	20,786	228,980	35,926
Sudbury	76,290	771,123	127,599	64,902	826,750	144,222
Thunder Bay	63,242	643,787	110,095	53,409	675,820	117,731
Timiskaming	17,001	150,051	22,362	14,068	156,010	23,279
Toronto ¹	...	...	...	...	...	...
Victoria	12,976	116,998	17,494	12,684	137,318	20,299
Waterloo	129,625	1,232,011	204,143	118,494	1,384,161	229,717
Wellington	49,232	477,870	77,656	45,352	538,677	89,813
Wentworth ²	219,455	2,321,297	413,048	155,067	1,964,360	346,290
York	1,174,402	12,310,682	2,273,409	1,014,427	13,186,390	2,475,305

Table 12.17 (cont'd)
Taxable Returns, by County, Ontario, 1972-1977

	1976			1977		
	Number of Taxable Returns	Total Income	Total Tax Payable	Number of Taxable Returns	Total Income	Total Tax Payable
		\$'000's			\$'000's	
Ontario	3,293,649	45,908,503	8,017,375	3,341,329	50,405,965	8,617,146
Algoma	45,411	641,505	109,356	46,216	716,323	122,123
Brant	37,253	504,476	85,671	38,704	557,007	89,972
Bruce	22,176	316,308	53,719	20,928	309,087	49,971
Cochrane	30,412	420,773	73,221	32,315	474,952	78,328
Dufferin	10,344	136,943	22,916	11,933	185,993	32,283
Dundas	6,086	73,852	10,763	6,450	92,656	14,308
Durham	17,974	243,515	41,257	20,799	316,399	51,987
Elgin	24,933	309,121	47,349	24,572	340,127	52,308
Essex	117,525	1,680,577	286,638	115,949	1,804,766	310,568
Frontenac	40,881	562,353	95,174	40,719	596,521	97,640
Glengarry	4,656	54,186	8,323	4,464	58,233	8,750
Grenville	10,714	128,537	19,272	9,928	139,563	21,703
Grey	24,423	300,661	44,625	21,743	294,383	45,002
Haldimand	11,599	158,774	26,293	12,743	176,346	27,289
Haliburton	2,960	34,308	4,646	2,303	25,746	3,314
Halton	91,951	1,462,901	282,367	95,330	1,641,136	309,348
Hastings	38,736	485,579	74,855	41,488	564,239	83,519
Huron	16,089	206,560	31,357	14,739	196,979	29,358
Kenora	18,485	253,975	42,472	15,799	228,371	37,445
Kent	39,662	528,266	85,349	41,442	593,225	94,075
Lambton	42,727	651,737	119,542	43,838	757,464	141,752
Lanark	14,923	184,200	28,501	20,197	269,688	38,924
Leeds	17,776	233,389	37,652	20,634	290,253	46,854
Lennox and Addington	8,131	104,725	16,436	8,248	108,840	16,790
Manitoulin	2,299	27,123	3,871	2,036	24,331	3,038
Middlesex	120,792	1,652,969	280,936	121,543	1,775,360	291,796
Muskoka	12,444	140,436	19,785	10,393	140,232	20,075
Niagara	134,066	1,851,798	309,155	135,546	2,054,339	339,898
Nipissing	24,234	332,180	54,097	25,897	373,835	58,195
Norfolk	19,042	244,309	40,417	18,929	252,561	38,671
Northumberland	14,366	178,994	27,553	16,031	222,639	32,976
Ontario	91,442	1,296,900	231,292	91,517	1,407,639	247,755
Ottawa - Carleton	215,167	3,261,362	589,856	229,969	3,753,270	669,551
Oxford	31,598	390,274	60,788	32,157	438,474	67,568
Parry Sound	7,831	103,131	16,171	10,522	132,646	17,545
Peel	162,105	2,395,829	448,799	183,826	2,894,633	518,374
Perth	24,777	308,424	46,692	26,562	341,662	50,825
Peterborough	34,375	455,003	72,086	32,302	450,931	71,012
Prescott	9,720	102,821	14,171	8,122	105,940	15,597
Prince Edward	6,442	72,956	11,076	5,886	76,238	11,995
Rainy River	6,754	90,511	15,135	7,734	123,408	20,249
Renfrew	29,508	354,356	51,679	27,919	368,385	53,899
Russell	10,073	124,246	19,581	9,800	141,967	22,207
Simcoe	72,990	920,743	145,467	76,291	1,024,255	156,897
Stormont	21,997	272,885	42,926	21,971	290,346	43,921
Sudbury	70,556	1,023,776	178,558	66,464	1,029,113	175,451
Thunder Bay	61,906	878,273	155,338	62,535	965,917	168,370
Timiskaming	13,062	167,623	26,115	13,439	179,157	25,451
Toronto ¹	...	...	...	1,036,004	15,910,406	2,829,375
Victoria	15,083	180,314	26,215	13,412	179,736	25,680
Waterloo	120,448	1,571,312	261,694	120,078	1,687,006	273,449
Wellington	42,461	583,261	97,701	48,034	680,546	109,064
Wentworth ²	161,667	2,200,685	378,767	158,157	2,386,756	408,851
York	1,060,617	15,048,785	2,743,699	1,052,776	16,166,345	2,874,172

¹ Included in York county.

² Includes Burlington which is in Halton county.

Table 12.18
Taxable Returns, by Selected City, Ontario, 1972-1977

	1972			1973			1974		
	Number of Taxable Returns	Total Income	Total Tax Payable	Number of Taxable Returns	Total Income	Total Tax Payable	Number of Taxable Returns	Total Income	Total Tax Payable
		\$'000's			\$'000's			\$'000's	
Toronto	1,063,789	9,039,970	1,723,335	1,115,434	10,390,737	1,974,214	1,158,990	12,147,426	2,243,781
Hamilton ¹	201,093	1,718,469	313,724	220,727	1,995,387	358,487	219,455	2,321,297	413,048
Ottawa	201,522	1,849,603	352,164	208,427	2,080,506	393,250	225,569	2,503,489	459,334
London	106,382	866,416	154,789	116,397	1,043,395	183,829	118,305	1,200,876	207,551
Windsor	95,772	852,100	151,149	106,852	1,025,543	184,219	105,908	1,140,194	195,933
Mississauga	67,428	656,911	131,501	84,672	870,741	170,119	98,750	1,115,684	214,914
Kitchener ²	80,502	634,292	111,548	82,660	713,611	123,910	84,910	828,687	140,353
St. Catharines	50,886	420,868	73,627	58,633	517,971	87,721	60,886	636,868	109,067
Thunder Bay	46,064	373,175	65,155	47,234	411,853	70,407	50,928	516,349	88,820
Oshawa	37,665	330,264	60,285	43,557	427,587	80,030	48,510	506,207	90,323
Sudbury ³	53,681	471,943	85,102	54,928	501,990	87,448	60,900	617,437	102,977
Sault Ste. Marie	31,149	265,533	46,662	32,727	302,901	52,076	33,482	352,139	61,157
Niagara Falls	27,129	212,510	35,675	28,466	233,868	38,223	30,864	294,195	46,368
Brantford	31,367	237,202	40,332	33,089	277,821	46,601	32,696	322,916	55,314
Oakville	25,852	257,095	51,478	27,890	304,601	61,911	30,920	377,591	75,557
Guelph	29,251	230,090	39,126	30,550	259,492	43,780	29,840	298,315	50,355
Kingston	36,135	298,730	53,775	40,385	360,939	63,181	41,809	412,773	69,860
Peterborough	27,387	217,467	36,757	29,143	247,608	41,572	30,734	302,671	49,303
Sarnia	30,356	276,133	50,855	32,541	314,572	56,363	34,907	391,108	71,657
North Bay	18,524	151,011	26,222	20,920	173,738	28,326	20,426	207,309	34,391
Cornwall	18,149	132,527	21,054	18,001	147,790	23,426	19,467	170,271	26,162
Welland	18,983	149,360	25,192	20,883	178,082	30,164	19,410	180,705	29,258
Brampton	23,619	189,433	33,826	23,356	212,911	38,067	25,914	271,917	49,433
Cambridge ⁴	27,921	197,734	33,208	31,938	251,182	40,704	34,358	303,370	48,079

Table 12.18 (cont'd)
Taxable Returns by Selected City, Ontario, 1972-1977

	1975			1976			1977		
	Number of Taxable Returns	Total Income	Total Tax Payable	Number of Taxable Returns	Total Income	Total Tax Payable	Number of Taxable Returns	Total Income	Total Tax Payable
		\$'000's			\$'000's			\$'000's	
Toronto	997,865	12,973,273	2,437,693	1,043,367	14,796,548	2,698,022	1,036,004	15,910,406	2,829,375
Hamilton ¹	155,067	1,964,360	346,290	161,667	2,200,685	378,767	152,199	2,286,298	389,780
Ottawa	207,993	2,787,845	507,695	200,162	3,034,960	549,034	213,940	3,494,306	623,738
London	102,512	1,294,471	227,429	106,397	1,467,943	252,010	106,504	1,566,824	259,634
Windsor	90,171	1,177,175	203,269	96,076	1,401,205	241,451			
Mississauga	96,220	1,315,501	254,568	97,652	1,483,399	282,989	111,667	1,793,766	327,621
Kitchener ²	78,996	942,650	159,541	78,629	1,045,894	177,269	79,726	1,140,553	188,405
St. Catharines	52,025	660,432	113,748	55,370	790,369	136,517	57,610	894,273	152,236
Thunder Bay	42,957	540,827	94,451	48,891	694,057	123,698	49,673	777,082	135,445
Oshawa	45,677	584,153	103,441	46,090	660,198	119,614	45,288	701,589	123,760
Sudbury ³	51,419	659,084	116,670	56,210	815,539	143,119	53,161	831,667	142,726
Sault Ste. Marie	26,852	357,687	63,679	32,052	450,054	76,992	32,351	508,086	87,141
Niagara Falls	24,810	292,616	48,060	27,405	364,818	59,805	28,988	410,947	66,161
Brantford	30,193	363,873	62,417	30,099	404,892	69,095	31,419	457,531	75,152
Oakville	28,413	427,406	86,872	27,629	464,671	93,919	28,278	517,912	100,769
Guelph	29,148	354,789	61,034	27,053	374,967	64,596	30,495	433,947	71,550
Kingston	37,142	470,549	83,585	36,555	509,681	87,459	35,837	531,638	87,592
Peterborough	25,038	308,274	51,760	28,845	386,466	62,183	26,798	383,350	60,997
Sarnia	29,602	408,782	76,421	31,672	490,264	92,018	32,174	567,505	108,208
North Bay	16,464	201,990	35,232	16,904	242,348	40,687	17,540	260,946	41,616
Cornwall	16,432	182,542	28,616	16,505	205,908	32,247	17,357	231,963	35,797
Welland	18,604	223,529	37,735	17,272	227,912	36,777	16,217	240,332	39,392
Brampton	24,697	308,628	56,539	28,223	386,724	69,579	31,011	462,444	80,362
Cambridge ⁴	30,488	335,256	53,320	32,809	401,771	64,373	30,836	411,812	64,861

1) Figures for Hamilton consist of Wentworth County and Burlington which is in Halton County.

2) Includes Waterloo.

3) Includes Copper Cliff except in 1972.

4) Cambridge consists of Galt, Hespeler and Preston.

Source: Revenue Canada, *Taxation Statistics*.

Prices

Highlights

The all-items consumer price index in 1978 stood at 175.2 for Canada (1971 = 100). For Toronto this index was 173.7, up 8.5 per cent from 1977 and for Ottawa it was 173.4, an increase of 8.4 per cent from 1977. The 1978 Canadian food price index was 208.0, up 15.5 per cent from 1977; Toronto's was 203.4, up 13.6 per cent; and Ottawa's was 199.3, up 13.6 per cent. From 1977 to 1978 the Canadian housing index rose 7.5 per cent to 174.1; the Toronto index rose 7.6 per cent to 173.0; and the Ottawa index rose 6.7 per cent to 172.6. From 1977 to 1978 the Canada clothing index increased 3.8 per cent to 146.4 and the transportation index rose 5.8 per cent to 162.2. Respective increases for Toronto were 5.8 per cent and 5.7 per cent; those for Ottawa were 7.3 per cent and 7.0 per cent.

In 1978 the residential building materials price index for Canada was 183.6 (1971 = 100), representing a 11.1 per cent increase over 1977. The domestic export price index for Canada rose 223.4 from 205.1 (1971 = 100) from 1977 to 1978, an increase of 8.9 per cent. The import price index rose 12.3 per cent from 193.7 to 217.5 (1971 = 100) from 1977 to 1978.

Definitions

The Consumer Price Index for Canada – The Consumer Price Index measures the percentage change through time in the cost of purchasing a constant "basket" of goods and services representing the purchases by a particular population group in a specified time period. The "basket" is an unchanging or equivalent quantity and quality of goods and services, consisting of items for which there are continually measurable market prices over time.

General Wholesale Index – The General Wholesale Index is a commodity classified index of prices. The index is "general" inasmuch as it incorporates a diverse selection of both primary and processed commodities. It is called "wholesale" because its ingredient prices relate to that broad and heterogeneous area of commodity distribution which excludes only retail trade. In fact, the term "wholesale" has more of a connotation of bulk trading than of any homogeneous level of distribution. Thus, though the index mainly includes prices of producers, it also covers transactions of "middle men" who trade in commodities of a type or in quantities, characteristic of primary marketing functions.

Though general wholesale price indexes have been calculated by many countries for years, there is no precise answer to the question of what such an index measures. This is so because the index cannot be associated with any adequately definable value aggregate. Unlike a consumer price index which can be identified with expenditures of household consumers, a general wholesale index covers a host of overlapping transactions sometimes involving the same ingredient in as many as three different stages of processing. Yet, conceptually, it is not a measure of the purchasing power of money because it omits significant areas of monetary transactions such as prices of land, labour, securities and services, except in so far as prices of these things are implicit in commodity prices. As a conventional summary figure, its use had tended towards a reference level against which to observe the behaviour prices of particular groups such as farm products, industrial materials, building materials and the various other groupings for which indexes are published. As an indicator of general business conditions it is usually included in the group which is regarded as approximately coincident with the business cycle however, its main attribute now lies in its long historical continuity.

Industry Selling Price Index: Manufacturing – The index is gross weighted. It measures the movements of prices of gross shipments of manufacturing industries including inter-industry shipments between individual industries within manufacturing. Therefore, it duplicates the movements of some prices in the sense that, for example, flour prices are given full weight as part of the shipments of the Flour Mills Industry and then are implicitly counted again through full weighting of the shipment prices of those manufacturing industries which use flour as an ingredient in their outputs, e.g., bread, biscuits, cakes, etc.

Implicit Price Index — This is a derived index arrived at by dividing the current dollar value of a selected series of commodities by the constant dollar value.

Investors Index of Common Stock Prices — This index is one of the group of Security Price Indexes which measure through time, the effect of price change on the value of a portfolio of stocks bought and held for investment purposes as opposed to short term speculation. The system of Security Price Indexes comprises the Investors Index, the Mining Index, two supplementary indexes (Primary Oil and Gas, and Uraniums) and the Preferred Stock Index. The four common stock indexes include 157 stocks and the preferred stock index 28 stocks. Stocks included must be Canadian stocks traded on at least one Canadian exchange; they must bear an annual dividend, have a volume of annual transactions of at least 10 per cent listed at the beginning of each calendar year and have quotations exceeding \$1.00.

The Investors Index is generated for the common stock of the relevant industrials, utilities and financial corporations.

Farm Input Price Indexes — Farm Input Price Indexes measure through time, changes in prices of commodities and services used in Canadian farming operations. The item content and weights are based on data from the 1958 Farm Income and Expenditure Survey, the most recent source of sufficiently detailed data. These data have been modified to reflect 1961 prices and conditions. Farm Input Price Indexes are calculated quarterly for Eastern, Western and all Canada on a 1971 = 100 time base.

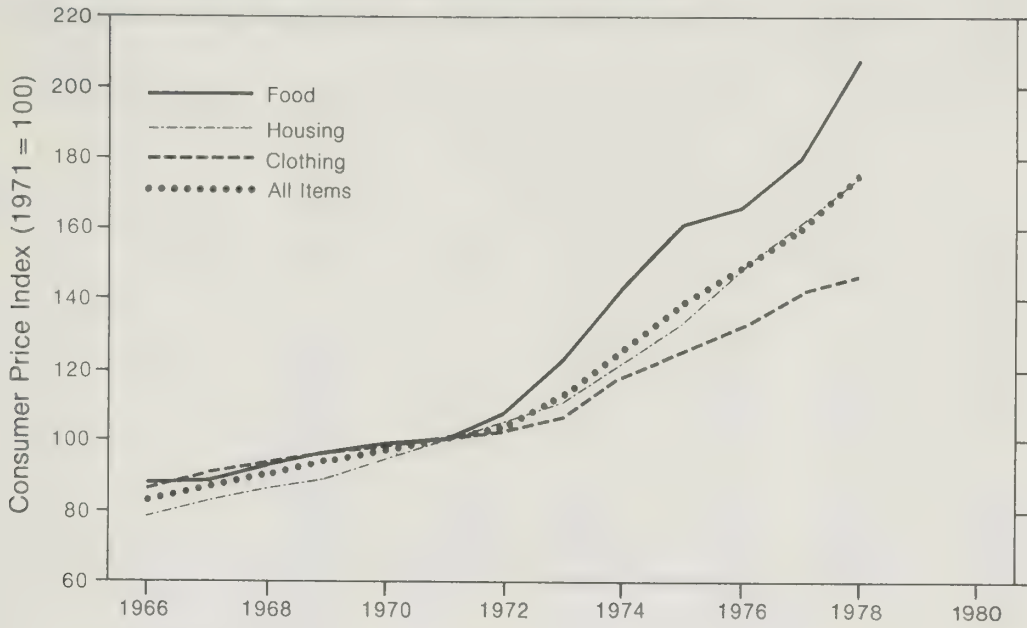
Security Price Indexes — Security price indexes measure through time, the effect of price change on the value of a portfolio of stocks bought and held for investment purposes. The portfolio represents stocks of Canadian companies listed on at least one Canadian exchange.

Index Number of Farm Prices of Agricultural Products — Most of the price information used in compiling the index is obtained from reports furnished monthly by volunteer farm correspondents throughout Canada. The prices used in computing the index are, as closely as can be determined, the prices which are actually received by the farmers at the farm level. Subsidies, bonuses and premiums which can be attributed to specific products are all included in the prices, whereas storage, transportation, processing and handling charges which are not actually received by farmers are excluded. In reporting prices to the bureau each month, price correspondents are asked to report the average prices prevailing in their neighbourhood, taking into account the various grades of each commodity marketed. Thus, average prices reported by these correspondents may differ from month to month as a result of changes in price, changes in quality marketed or a combination of both. In effect, this index is not a measure of pure price change but a measure of the change in returns to farmers per unit of product marketed.

Domestic Export Price Index and Import Price Index — These are base-weighted indexes which measure the year-to-year changes in prices of aggregate Canadian exports and imports. The weights used in calculating these indexes are derived from the values of exports and imports of commodities represented in the indexes in the base year of 1971. Sources of price relatives are: unit values of imports and exports calculated direct from trade statistics; and specification price indexes from Canadian and foreign sources. Those used in Table 13.3 are Laspeyres type or base-weighted as opposed to the Paasche type or current-weighted indexes which may be found in Statistics Canada, *Summary of External Trade*, Catalogue 65-001.

Graph 13.A

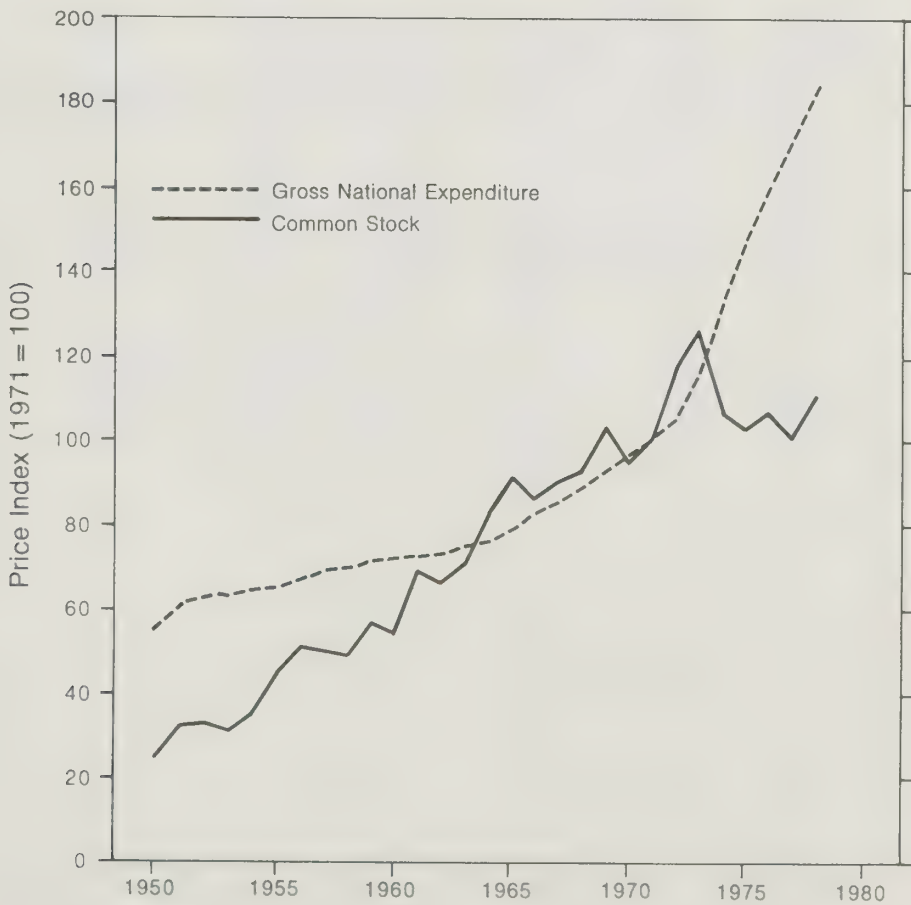
Consumer Price Indexes by Item, Canada, 1966-1978



Refer to Table 13.1.

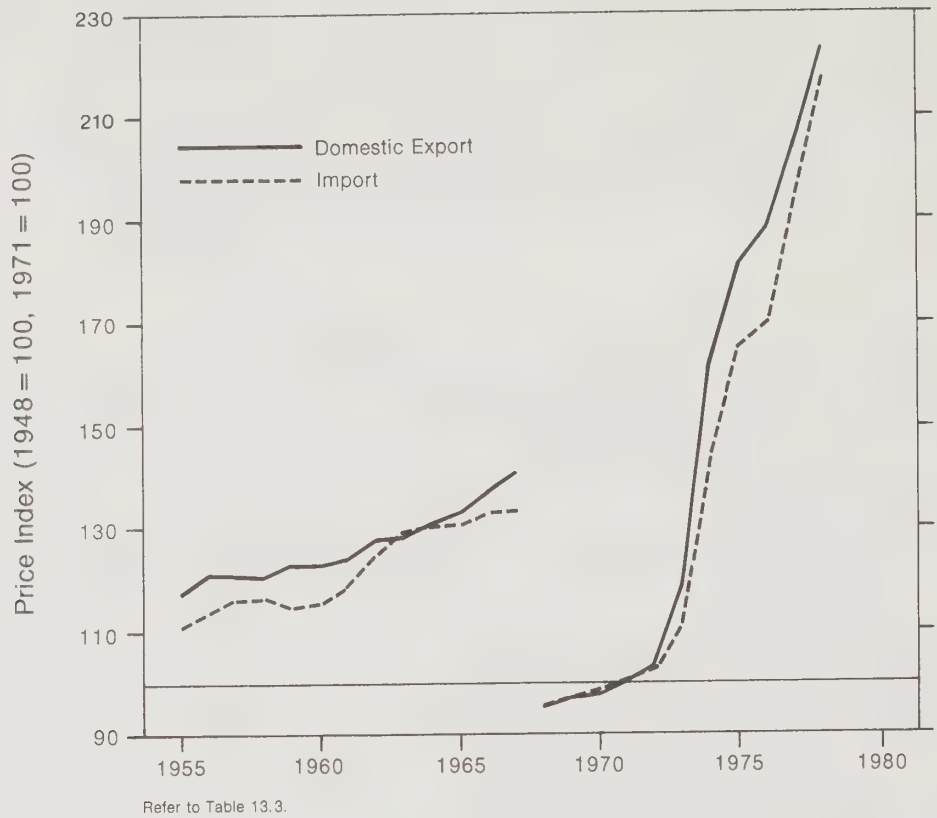
Graph 13.B

Price Indexes: Implicit (Gross National Expenditure) and Investors' (Common Stock), Canada, 1950-1978



Refer to Table 13.2

Graph 13.C
Domestic Export and Import Price Indexes, Canada, 1955-1978



Graph 13.D
Index Numbers of Farm Prices of Agricultural Products and
Index Numbers of Physical Volume of Agricultural Production, Ontario, 1961-1978¹

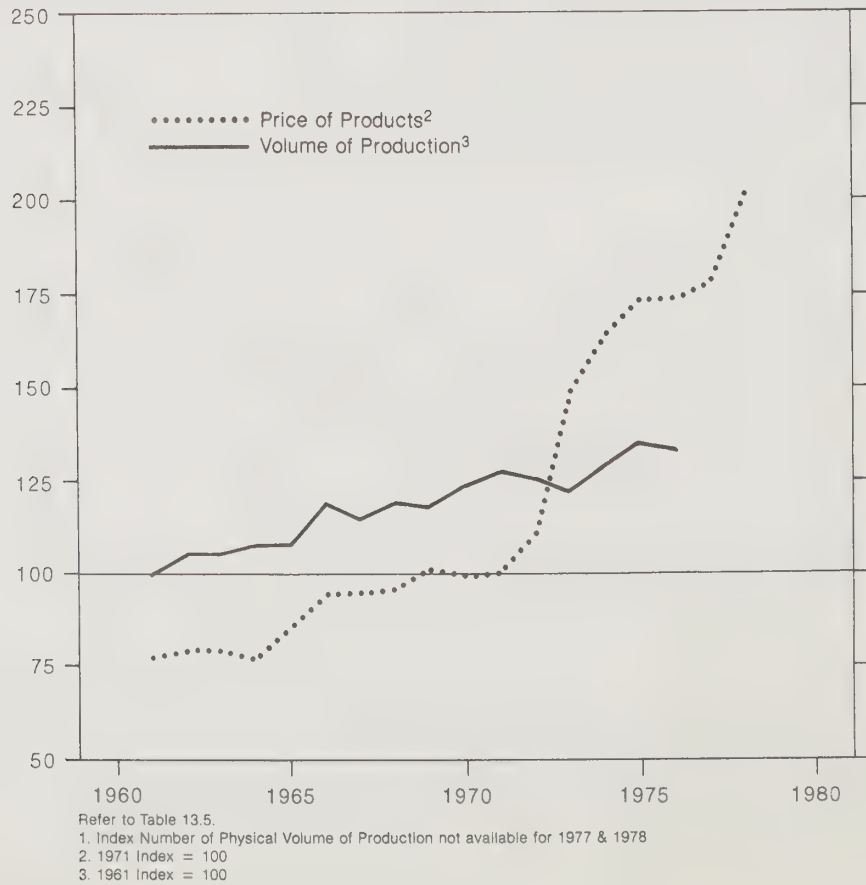


Table 13.1Consumer Price Indexes, Canada and Selected Ontario Cities, Selected Years, 1963–1978¹

	All Items	Food	Housing	Clothing	Trans- portation	Health & Personal Care	Recreation, Reading & Education	Tobacco, and Alcohol
Annual Averages								
Canada (1971 = 100)								
1963	77.2	80.0	74.8	80.3	76.9	73.5	75.4	78.9
1964	78.6	81.3	76.0	82.4	77.8	75.8	76.6	80.4
1965	80.5	83.4	77.3	83.8	80.7	79.4	77.9	81.7
1966	83.5	88.7	79.5	87.0	82.6	81.8	80.1	83.7
1967	86.5	89.9	82.9	91.4	86.1	86.0	84.1	85.8
1968	90.0	92.8	86.7	94.1	88.3	89.5	88.3	93.6
1969	94.1	96.7	91.2	96.7	92.4	93.8	93.5	97.2
1970	97.2	98.9	95.7	98.5	96.1	98.0	96.8	98.4
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972	104.8	107.6	104.7	102.6	102.6	104.8	102.8	102.7
1973	112.7	123.3	111.4	107.7	105.3	109.8	107.1	106.0
1974	125.0	143.4	121.1	118.0	115.8	119.4	116.4	111.8
1975	138.5	161.9	133.2	125.1	129.4	133.0	128.5	125.3
1976	148.9	166.2	148.0	132.0	143.3	144.3	136.2	134.3
1977	160.8	180.1	161.9	141.0	153.3	155.0	142.7	143.8
1978	175.2	208.0	174.1	146.4	162.2	166.2	148.2	155.5
Toronto (1971 = 100)								
1963	79.3	81.5	81.5	80.2	73.3	73.5	77.1	76.6
1964	80.6	83.0	81.9	82.5	76.2	76.3	77.9	77.3
1965	82.6	85.7	82.6	84.4	79.4	80.4	79.1	77.7
1966	86.2	91.9	84.9	88.6	82.2	83.1	81.0	81.2
1967	88.8	91.4	88.6	92.4	85.8	87.0	84.9	83.2
1968	92.2	94.2	92.1	94.8	87.3	89.7	89.5	93.0
1969	95.9	98.2	95.5	97.2	92.2	93.6	93.6	97.2
1970	98.4	100.0	98.0	99.0	96.0	98.2	96.5	98.6
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972 ^r	104.9	107.5	104.6	102.7	103.1	104.3	103.7	104.9
1973 ^r	113.2	123.4	112.2	108.7	104.3	111.4	107.8	108.1
1974 ^r	125.1	143.2	121.7	119.2	114.9	122.2	116.9	113.2
1975 ^r	138.5	162.4	133.6	124.1	128.0	137.2	129.6	125.6
1976 ^r	148.6	165.5	147.7	130.6	142.2	148.9	136.9	134.5
1977 ^r	160.1	179.0	160.8	137.9	151.8	161.0	142.7	144.4
1978	173.7	203.4	173.0	145.9	160.5	173.1	147.5	155.1

Table 13.1 (cont'd)Consumer Price Indexes, Canada and Selected Ontario Cities, Selected Years, 1963–1978¹

	All items	Food	Housing	Clothing	Transportation	Health & Personal Care	Recreation, Reading & Education	Tobacco, and Alcohol
Annual Averages								
Ottawa (1971 = 100)								
1963	78.7	80.1	80.8	80.4	76.5	72.3	73.5	75.8
1964	80.0	81.8	80.8	82.1	78.2	74.3	75.8	76.8
1965	81.3	84.0	81.1	83.2	79.7	78.7	77.5	77.5
1966	84.5	89.6	82.3	86.6	82.5	81.7	78.9	80.9
1967	86.5	90.6	84.1	90.8	84.0	85.1	83.5	83.2
1968	90.6	94.4	87.2	93.2	88.2	89.6	88.5	92.5
1969	94.2	97.0	91.7	96.3	90.1	94.1	96.5	96.9
1970	97.5	99.0	96.0	99.1	95.1	98.6	98.8	98.4
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972 ^r	104.8	106.3	105.2	103.7	101.8	104.7	103.6	104.8
1973 ^r	113.1	121.2	111.8	110.4	107.3	110.1	109.3	107.9
1974 ^r	125.4	140.5	121.5	120.9	120.7	119.3	117.1	114.3
1975 ^r	137.5	158.2	132.6	127.7	130.2	131.0	127.2	127.9
1976 ^r	147.9	162.2	147.1	137.6	142.6	142.2	133.9	136.8
1977 ^r	160.0	175.4	161.8	148.6	151.4	152.8	138.6	147.4
1978	173.4	199.3	172.6	159.5	162.0	161.2	143.1	159.8
Thunder Bay (1971 = 100)								
1969	96.2	96.5	97.1	97.8	93.7	92.9	94.0	98.7
1970	98.6	99.7	98.3	98.3	96.7	98.5	97.7	100.2
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972 ^r	104.4	107.2	104.7	100.0	103.0	105.4	103.2	103.5
1973 ^r	112.2	122.4	111.7	104.4	106.6	110.2	106.8	106.3
1974 ^r	124.3	141.9	121.1	114.9	119.8	118.0	114.7	111.9
1975 ^r	138.3	162.2	133.6	119.4	135.1	132.6	125.9	124.4
1976 ^r	150.4	168.3	150.9	125.5	150.8	145.8	135.2	133.1
1977 ^r	162.1	180.7	164.3	132.8	163.0	159.0	141.7	143.3
1978	175.2	205.7	176.0	141.4	169.0	171.2	146.8	154.0

¹) Revisions starting from 1971 have been brought into effect in October 1978 to take account of methodological differences that existed between city series and their Canadian counter-parts. The revisions give greater consistency between the city and Canadian series from 1971, but provide a break in the continuity of the city series in 1971. The details forming the basis of the change in the methodology are contained in the Statistics Canada Publication "Revisions of the Consumer Price Index."

Source: SC, *Prices and Price Indexes*.

Table 13.2

Prices Indexes: Consumer, General Wholesale, Implicit (Gross National Expenditure) and Common Stock, Canada, 1950-1978

	Consumer Prices	Implicit Price Index, Gross National Expenditure	Investors' Index Numbers of Common Stock Prices	General Wholesale Prices
	Annual Averages			
		1971 = 100		1935-39 = 100
1950	59.7	54.8	25.5	211.2
1951	66.0	61.0	32.6	240.2
1952	67.6	63.7	33.5	226.0
1953	67.0	63.6	31.1	220.7
1954	67.4	64.6	35.1	217.0
1955	67.5	65.0	45.1	218.9
1956	68.5	67.4	51.8	225.6
1957	70.7	68.8	50.1	227.4
1958	72.6	69.8	48.8	227.8
1959	73.4	71.2	57.2	230.6
1960	74.3	72.1	54.1	230.9
1961	75.0	72.4	68.7	233.3
1962	75.9	73.4	66.3	240.0
1963	77.2	74.8	70.8	244.6
1964	78.6	76.6	83.1	245.4
1965	80.5	79.1	91.3	250.4
1966	83.5	82.6	86.1 ^r	259.5
1967	86.5	85.9	90.3	264.1
1968	90.0	88.7	92.9	269.9
1969	94.1	92.6	103.0	282.4
1970	97.2	96.9	94.6	286.4
1971	100.0	100.0	100.0	289.9
1972	104.8	105.0	118.1	310.3
1973	112.7	114.6	126.6	376.9
1974	125.0	132.1 ^r	106.4	461.3
1975	138.5	146.2 ^r	102.3	491.6
1976	148.9	160.4	106.2	512.4
1977	160.8	171.5 ^r	100.2	559.5
1978	175.2	183.0 ^p	110.9	610.2

Sources: SC, Prices Division.

Prices and Price Indexes.

National Income and Expenditure Accounts.

Canadian Statistical Review.

Table 13.3

Price Indexes: Domestic Export, Import, Residential Building Materials and Non-Residential Building Materials, Canada, 1950-1978

	Domestic Export Price Index ¹ (Laspeyres)	Import Price Index ¹ (Laspeyres)	Residential Building Materials ²	Non- Residential Building Materials ²
Annual Averages				
1950	108.3	110.3	57.5	59.7
1951	123.0	126.2	67.7	67.5
1952	121.8	110.4	67.5	70.0
1953	118.3	109.4	66.9	70.9
1954	115.1	109.5	65.7	69.3
1955	117.7	110.5	67.1	70.2
1956	121.4	113.0	69.3	72.9
1957	121.0	116.4	69.3	74.0
1958	120.6	116.5	68.7	73.8
1959	122.8	114.4	70.2	74.9
1960	123.0	115.5	69.7	75.3
1961	124.0	119.1	69.3	74.6
1962	128.1	124.5	69.7	73.9
1963	128.9	129.4	72.0	75.9
1964	130.7	130.8	75.8	79.5
1965	132.4	130.8	80.3	83.1
1966	137.9	132.5	83.5	86.1
1967	140.6	133.5	86.7	87.8
1968	95.0	95.5	91.5	90.0
1969	96.9	97.2	96.4	94.0
1970	99.3	98.1	95.3	96.6
1971	100.0	100.0	100.0	100.0
1972	103.3	102.6	109.8	104.9
1973	119.0	111.3	124.0	113.1
1974	161.5	142.9	135.2	137.3
1975	181.0 ^r	165.7	139.7	147.0
1976	188.6	169.6 ^r	153.6 ^r	156.6 ^r
1977	205.1 ^r	193.7 ^r	165.2 ^r	165.6 ^r
1978	223.4	217.5	183.6	178.5

1) For years 1950-1967, the base year is 1948 = 100; for years 1968-1977, the base year is 1971 = 100.

2) The base year is 1971 = 100.

Sources: SC, External Trade Division.
Prices Division.

Prices and Price Indexes.
Canadian Statistical Review.

Table 13.4
Industrial and Farm Price Indexes, Canada, 1950-1978

	Thirty Industrial Materials ¹	Industry Selling Prices (Manufac- turing) ²	Farm Prices of Agricultural Products ²	Wholesale Prices of Farm Products ³	Farm Input Prices Eastern Canada ^{2,4}
Annual Averages					
1950	244.6	..	86.2	..	..
1951	296.1	..	98.1	..	..
1952	252.6	..	90.7	..	..
1953	232.3	..	82.8	..	..
1954	223.7	..	78.2	..	..
1955	236.0	..	76.8	..	..
1956	248.2	..	77.6	..	..
1957	240.3	..	77.8	..	..
1958	229.8	..	81.2	..	..
1959	240.2	..	81.2	..	..
1960	240.4	82.2	82.0	..	..
1961	243.2	82.4	85.0	230.9	73.5
1962	248.0	83.3	89.0	240.8	76.0
1963	253.5	84.4	87.8	236.3	77.7
1964	258.3	85.1	86.4	232.7	78.7
1965	258.7	86.2	92.0	249.8	81.0
1966	261.4	88.7	99.8	265.6	85.9
1967	253.1	90.4	99.0	263.9	89.2
1968	254.0	92.3	97.3	260.4	91.4
1969	267.7	95.8	99.7	270.6	94.2
1970	268.8	98.1	99.0	270.4	96.6
1971	266.9	100.0	100.0	100.0	100.0
1972	299.5	104.4	114.1	114.1	105.2
1973	390.9	116.1	170.4	167.8	128.6
1974	494.7	138.1	205.5	196.5	151.0
1975	484.4	153.7	203.5	192.5	161.8
1976	488.6	161.6	194.6	184.1 ^r	170.8
1977	509.0	173.9	189.6 ^s	181.3 ^r	180.4
1978	554.1	190.0	206.9 ^s	202.1	199.2

1) 1935-39 = 100.

2) The base year is 1971 = 100. Farm Prices of Agricultural Products and Farm Input Prices, Eastern Canada are revised from a 1961 base. The conversion is a straight ratio or mechanical link.

3) For years 1961-1970, base year is 1935-39 = 100; for years 1971-77, base year is 1971 = 100.

4) Excludes living component.

5) Not adjusted for final payments by the Canadian Wheat Board.

Sources: SC, Prices Division.

Prices and Price Indexes.

Index Numbers of Farm Prices of Agricultural Products.

Canadian Statistical Review.

Table 13.5
Index Numbers of Farm Prices of Agricultural Products and Index Numbers of Physical Volume of Agricultural Production, Canada¹ and Ontario, 1961-1978

	Index Numbers of Farm Prices of Agricultural Products		Index Numbers of Physical Volume of Agricultural Production	
	Canada	Ontario	Canada	Ontario
	1971 = 100		1961 = 100	
1961	85.3	77.3	100.0	100.0
1962	89.0	79.3	127.7	105.1
1963	87.8	79.3	139.9	106.4
1964	86.4	77.7	129.5	108.9
1965	92.0	85.1	137.1	108.6
1966	99.8	94.3	155.1	118.0
1967	99.0	95.1	134.7	114.6
1968	97.3	95.8	145.3	118.5
1969	98.8	101.2	149.8	117.7
1970	99.0	99.2	137.9	124.6
1971	100.0	100.0	159.7	127.9
1972	114.0	110.9	147.4	125.3
1973	170.4	148.2	153.3	122.4
1974	205.5	163.7	148.4	129.5
1975	203.5	174.5	159.5	135.3
1976	194.6	174.7	178.0	133.4
1977	189.6	178.6	..	..
1978	206.9	201.1	..	..

1) Excludes Newfoundland
Source: SC, *Index Numbers of Farm Prices of Agricultural Products*
Ministry of Agriculture and Food, *Agricultural Statistics for Ontario*.

Finance

Highlights

- **Ontario Finances** — Interim budgetary plus non-budgetary revenue for Ontario in 1978-79 was \$13.1 billion up 11.6 per cent from 1977-78 and 1.52 per cent from 1970-71. Interim budgetary plus non-budgetary expenditure was \$14.5 billion in 1978-79 up 6.9 per cent from 1977-78 and 1.50 per cent from 1970-71. The funded debt per capita was \$1,653 in 1978-79, up \$186 or 12.7 per cent from 1977-78 and 1.93 per cent from 1970-71. The estimated funded debt per capita for 1979-80 is \$1,791, 8.4 per cent higher than for 1978-79.

Of Ontario's total interim budgetary revenue of \$12.3 billion in 1978-79, personal income tax accounted for 22.3 per cent and retail sales tax for 13.9 per cent. Payments from the federal government amounted to 22.3 per cent of the total.

Of Ontario's total interim budgetary expenditure of \$14.0 billion in 1978-79, 28.4 per cent went to Health, 17.1 per cent to Education and 9.8 per cent to Colleges and Universities.

Total revenues of the Ontario Municipal Revenue Fund stood at \$3.7 billion in 1977. The major source of revenue was residential and farm taxation which accounted for 23.6 per cent of the 1977 Ontario total. In 1977, expenditures of the Ontario Municipal Revenue Fund were \$3.7 billion.

- **Bond Issues** — The number of marketable bond issues and retirements fluctuates from year to year in Ontario. Over the last five years, the high for net issues was recorded in 1975 when \$1.5 billion worth of bonds was issued, an increase of 228.2 per cent over 1974.
- **Foreign Reserves** — Canada's reserve position in the International Monetary Fund stood at US\$212.1 million in 1961; by 1971 it had reached US\$332.6 million, an increase of 56.8 per cent over 1961. In 1978 the total was US\$556.8 million, down US\$295.3 million or 34.7 per cent from 1977 and up 67.4 per cent over 1971.

Canada's total international reserves have fluctuated through 1953 to 1978. The 1978 level of US\$4.6 billion represented a decrease of US\$41.3 million or .9 per cent from 1977.

- **Cheques Cashed** — In terms of value of cheques cashed against individual accounts in 1978, Ontario accounted for \$1.7 trillion or 55.2 per cent of the Canada total of \$3.1 trillion. Toronto, at \$1.5 trillion, accounted for 87.0 per cent of the Ontario total and 48.0 per cent of the Canada total.
- **Credit Unions** — Credit union assets for Canada jumped from \$4.1 billion in the fourth quarter of 1969 to \$19.6 billion for the same period in 1977. This represents an increase of 377.4 per cent. The Ontario figure for the same period shows an increase in 338.2 per cent. The Ontario figure in 1977 represented 17.5 per cent of the total Canadian credit union assets, that is, in the fourth quarter of 1977, of the \$19.6 billion Canadian credit unions asset, \$3.4 billion were in Ontario.
- **Toronto Stock Exchange** — The Toronto Stock Exchange 300 Composite Index has generally experienced an upward trend over the past 20 years. The high point reached was in 1973 with a mark of 1,329.26. On the other hand, the lowest point within the last 10 years was in 1970 when the index dipped to 810.78. The high in 1978 for the Index was 1,336.34 which represented a 267.81 point, or 25.1 per cent increase from the high recorded in 1977. The low for 1978 was 996.88 compared with 957.58 for 1977.
- **Corporate Activity** — The number of active corporations in Ontario in 1978-79 was 243,500 up 11.2 per cent from 1977-78 and 82.1 per cent from 1972-73. The number of new corporations incorporated each year in Ontario continues to increase steadily. In 1977-78 there were 22,235 new firms incorporated; in 1978-79 there were 28,408. This represents an increase of 6,173, or 27.8 per cent.

In 1978 in Ontario there were 2,124 business bankruptcies, accounting for 38.5 per cent of the Canadian total and representing a 20.7 increase over the 1977 Ontario total.

Definitions

Official International Reserves

Convertible Foreign Currencies – Comprise the holdings of the Exchange Fund Account, the Receiver-General for Canada and the Bank of Canada.

Official International Reserves (cont'd)

Holdings of Currencies Other Than U.S. Dollars – Consist of currencies defined as convertible by the International Monetary Fund (IMF) and valued at their official parity or central rates until May, 1973 and at their month-end market closing rates thereafter.

Gold Holdings – Prior to May, 1972 gold holdings were valued at slightly less than the official price to defray potential transportation costs. Commencing in that month, gold holdings were valued at the official price, which added U.S. \$2.5 million to the value of reserves at that time.

Canada's Holdings of Special Drawing Rights – Include allocations to Canada of SDR's at the first of the year as follows: 1970 – U.S. \$124.3 million, 1971 – U.S. \$117.7 million, 1972 – U.S. \$116.6 million. They also reflect transactions involving Canada under the arrangements by the IMF providing for the use of SDR's by member countries and by the IMF.

The Reserve Position in the International Monetary Fund – Is the amount of foreign exchange that Canada is entitled to draw from the Fund on demand for balance of payments purposes.

Direct Taxes – Direct taxes include personal, corporate and government business enterprise income tax, levies imposed on logging and mining profits, succession duties and estate taxes. Employer and employee contributions to public service pensions, unemployment insurance, workmen's compensation and industrial employees' vacations are considered as direct personal taxes as are contributions made to the Canada Pension Plan or Québec Pension Plan. – Indirect taxes encompass Customs import duties, excise duties and taxes, corporation tax (other than taxes on profits), gasoline tax, miscellaneous taxes on natural resources, the business share of motor vehicle licences and permits, other licences, fees and permits and retail sales tax. Amusement taxes, personal and property taxes, and profits of provincial liquor commissions are also considered indirect taxes.

Transfers from Other Levels of Government – This category includes both general and specific purpose transfers from federal and local governments. The provincial share of federal estate tax, the tax on undistributed income and income tax on privately-owned utilities are classified as transfer payments at the provincial government level.

Credit Union Assets and Liabilities

Assets – Cash – includes money on hand, deposits in chartered banks, trust companies, Province of Ontario Savings Office, and credit union centrals. Investments – includes term deposits, bonds and debentures of and guaranteed by governments at all levels in Canada, shares in centrals, and debentures and shares of reputable corporations (all valued at cost). Specifically excluded are investments in the shares of other credit unions. Loans Receivable – includes all loans outstanding at the end of the accounting period, sub-divided into two main groups:

- 1) secured by a realty mortgage on property (excluding chattel mortgages), and
- 2) not secured by a mortgage (primarily personal loans).

Fixed Assets – includes buildings (less accumulated depreciation), furniture, fixtures and equipment (less accumulated depreciation) and land.

Liabilities – Accounts Payable – includes interest payable on borrowings and term deposits, and all commercial accounts owed by the credit union. Loans Payable – includes borrowings of credit unions from chartered banks, and credit union centrals. Deposits – includes ordinary or demand deposits, term deposits, and chequing account deposits as follows:

Demand – money received by credit unions from their members, which members may subsequently withdraw "on demand" after satisfying a statutory waiting period or notice of intent to withdraw of up to 30 days.

Term – money deposited by credit union members, which funds cannot be withdrawn prior to a fixed or stated future date. The rate of interest paid on term deposits is guaranteed during the term specified.

Chequing – money deposited by credit union members to their individual credit, against which a member can issue personal cheques up to the amount of his deposit.

Other Liabilities – includes the value of liabilities not otherwise specified, such as employee benefits, deferred charges, stabilization funds under administration, etc.

Members' Equity – **Share Capital** – includes ordinary shares, shares held by corporations, and the net of estate shares minus estate loans. **Reserves** — includes a statutory Reserve Fund and other special or general reserves.

Corporation – A corporation is created by filing articles of incorporation; by filing a memorandum of association; or by issuing letters patent of incorporation. The incorporating instrument – articles, memorandum or letters patent, depending upon the particular provincial or federal statute – sets forth the objects of the corporation and certain provisions for the regulation and conduct of its affairs, and, in the case of a corporation with share capital, the amount of capital it is authorized to issue.

Summary by Upper Tier – The organization of municipal responsibilities and powers differs from area to area but there are three basic types of structure: restructured two tier areas, counties and districts.

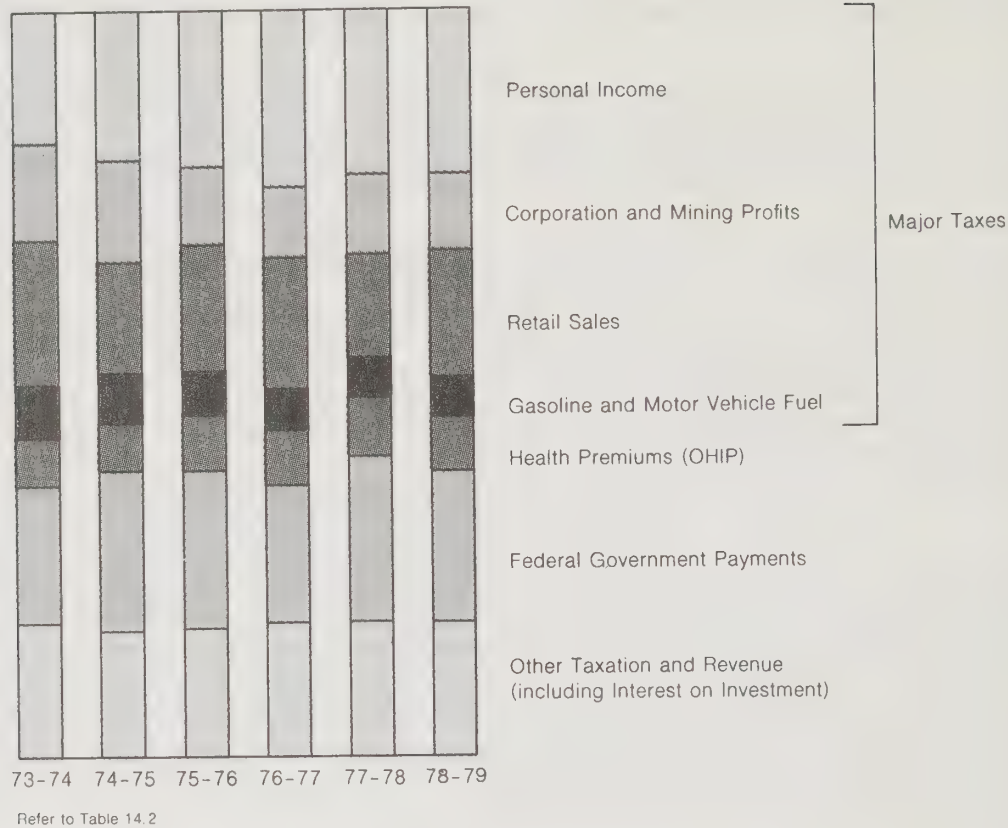
Restructured two tier areas cover most of the faster developing urban centres of Ontario. In each of these areas, there are two levels of municipal government: an upper tier municipality serving the entire area and a number of lower tier municipalities each of which has jurisdiction over part of the area. Upper tier municipalities are variously referred to as metropolitan municipalities, regional municipalities, district municipalities or restructured counties. The division of responsibilities between upper and lower tier municipalities varies between restructured areas, but upper tier municipalities usually provide health and social services, police, transit, major roads, sewers, solid waste disposal and regional planning. Lower tier municipalities are generally responsible for fire protection, neighbourhood roads, solid waste collection and recreation services.

Counties are an older form of two tier local government dating back to the Baldwin Act of 1849. They differ from the more recently created two tier systems in two ways. First, the upper tier, or county municipality, generally has responsibility for county roads and health and social services with all other municipal functions being provided by lower tier municipalities. Second, cities and separated towns which are geographically situated within counties are not part of the county structure, but are separate, single tier municipalities.

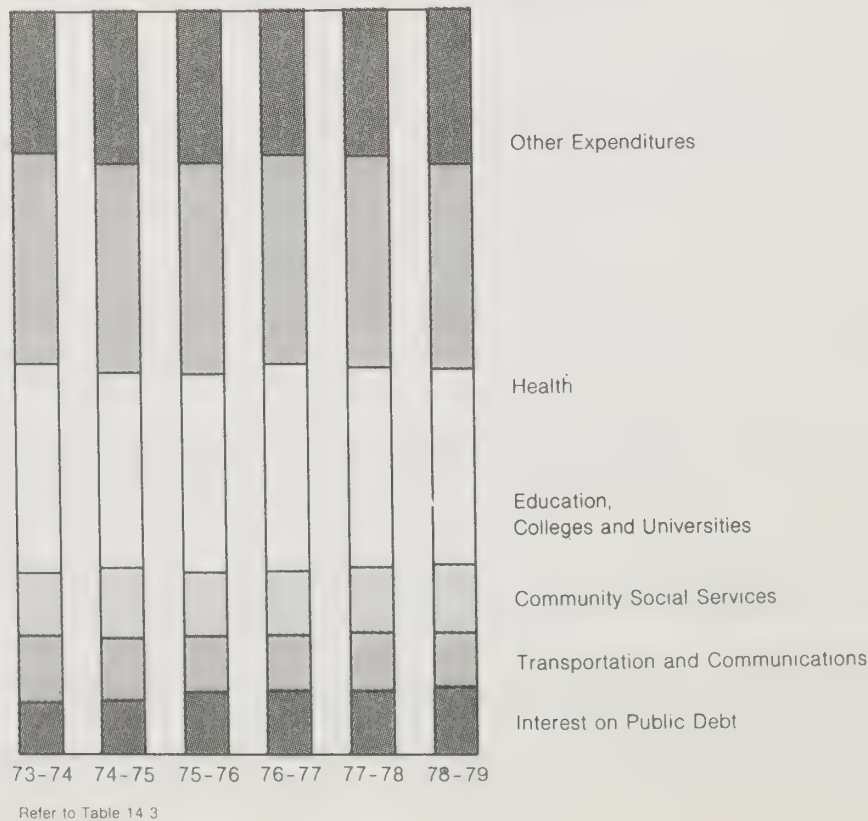
Districts in Northern Ontario are geographic entities only. Within districts are single tier municipalities and large areas which are unorganized for municipal purposes. The municipalities provide the full range of municipal services, while people living in unorganized areas may receive limited municipal services from the Province. In addition, local boards provide a variety of services to residents of municipalities and unorganized areas alike.

The summary by upper tier presents, for each upper tier group, the aggregate data for upper tier municipalities plus constituent lower tier municipalities, less items where applicable. Metropolitan Toronto is shown first followed by the other restructured two tier areas (counties and districts) each in alphabetical order. This table is useful for analyses based on geographic areas.

Graph 14.A
Relative Importance of Major Revenue Sources, Ontario,
Selected Years, 1974 -75 to 1979-80



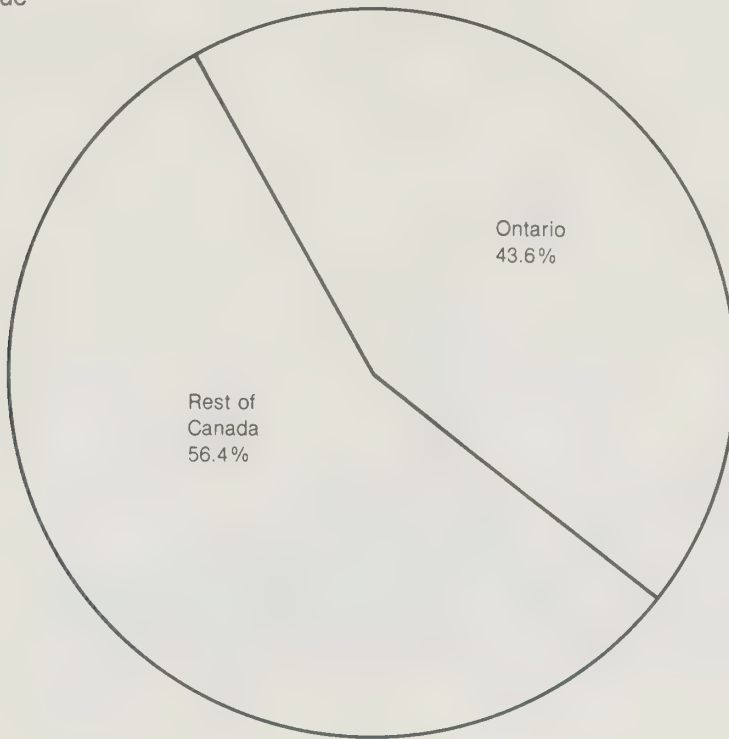
Graph 14.B
Relative Importance of Major Expenditure Functions, Ontario,
Selected Years, 1974 -75 to 1979-80



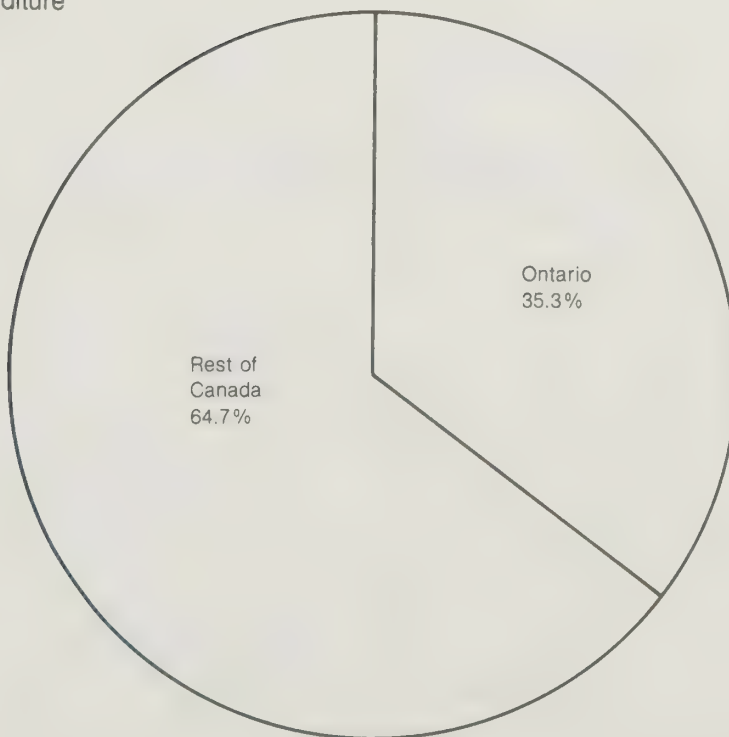
Graph 14C

The Federal Tax Dollar in Ontario and the Rest of Canada, 1978

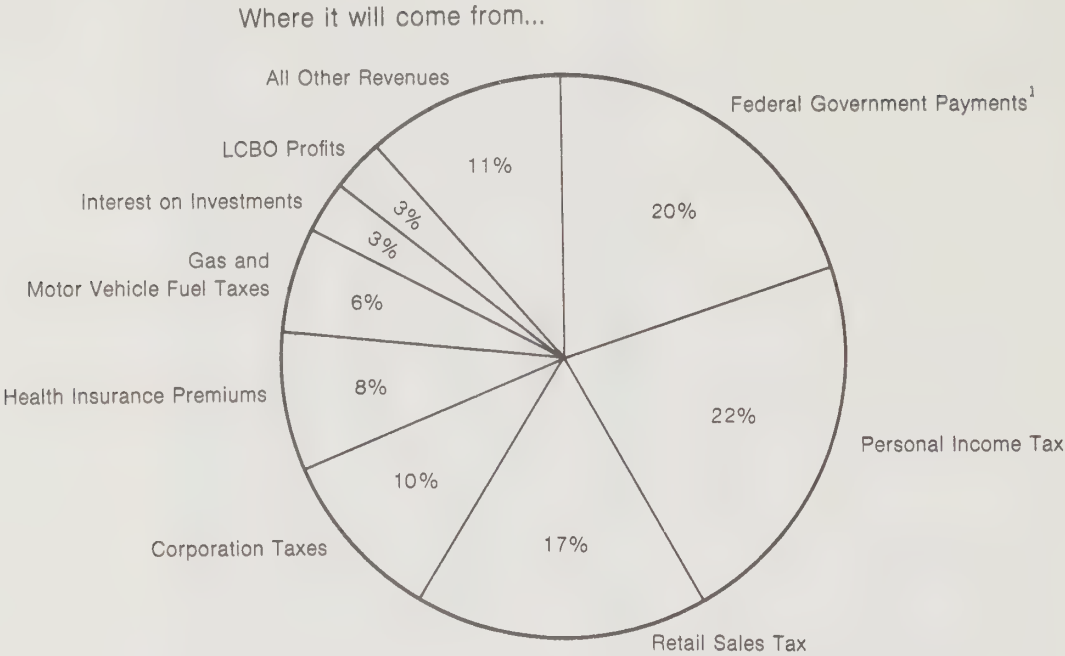
Proportion of Revenue



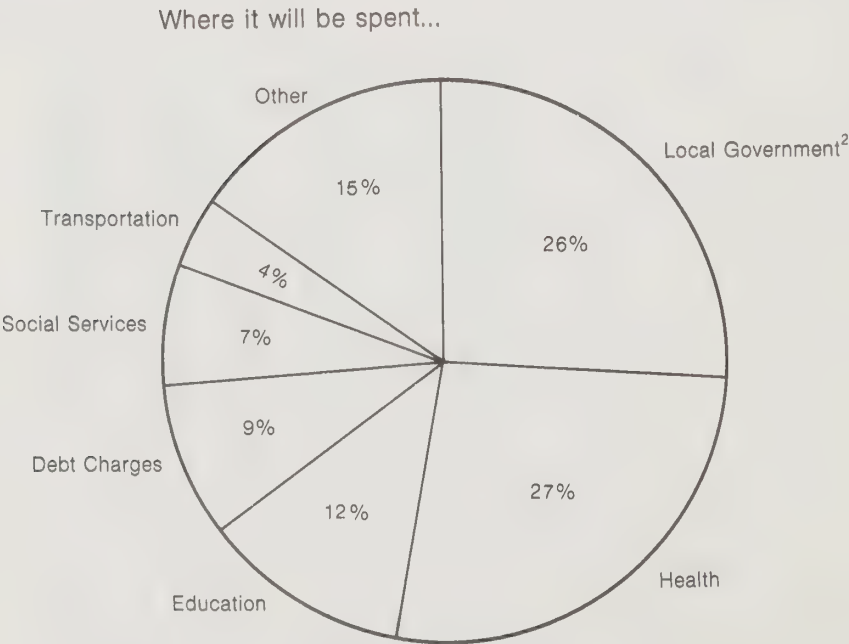
Proportion of Expenditure



Graph 14.D
The Budget Dollar, Ontario, 1979-80 (estimated)

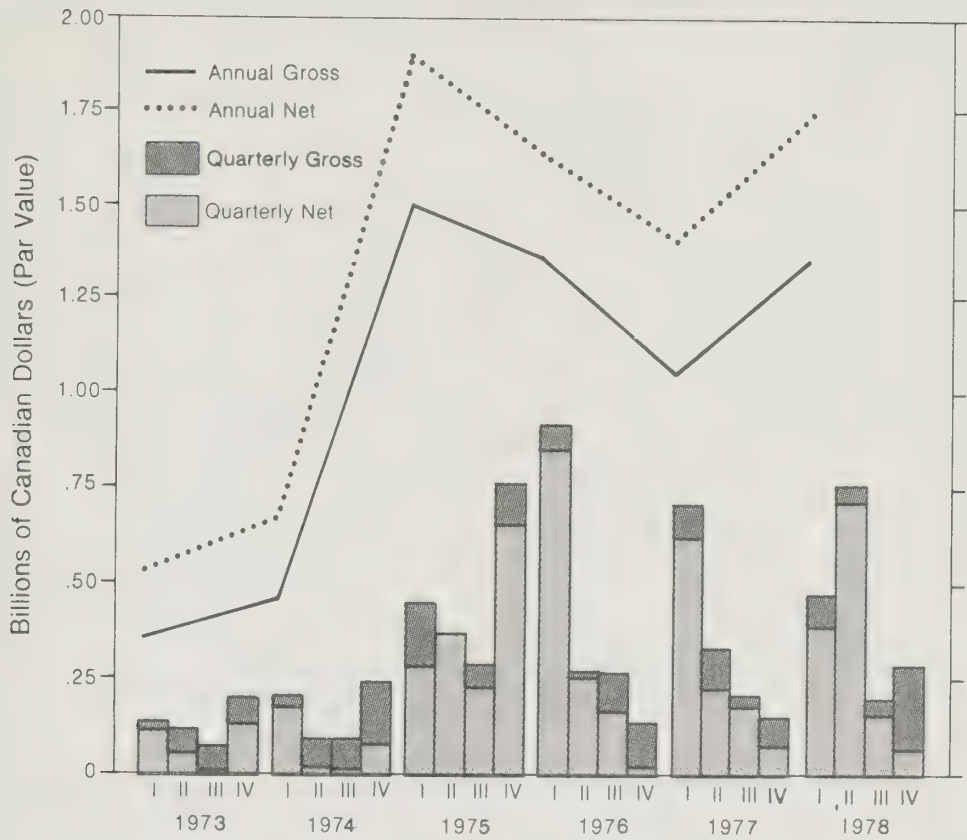


¹Comprised of: Canada Assistance Plan (3%), Established Programs Financing (14%) and Other Payments (3%).



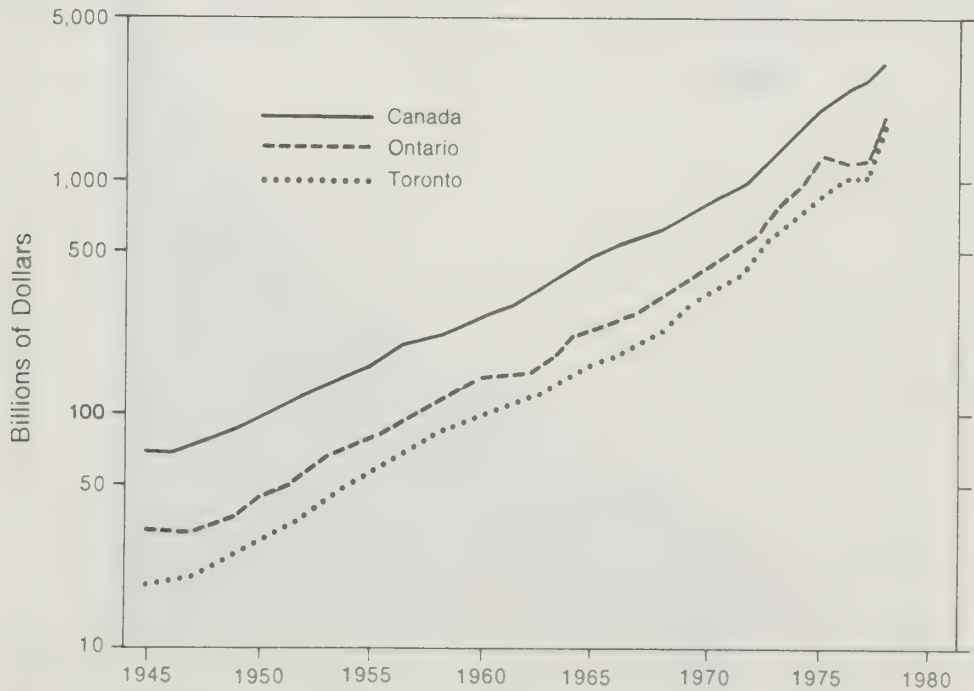
²Payments to School Boards (14%) and Municipalities and Local Agencies (12%).

Graph 14.E
Marketable Bond Issues and Retirements, Ontario, 1973-1978



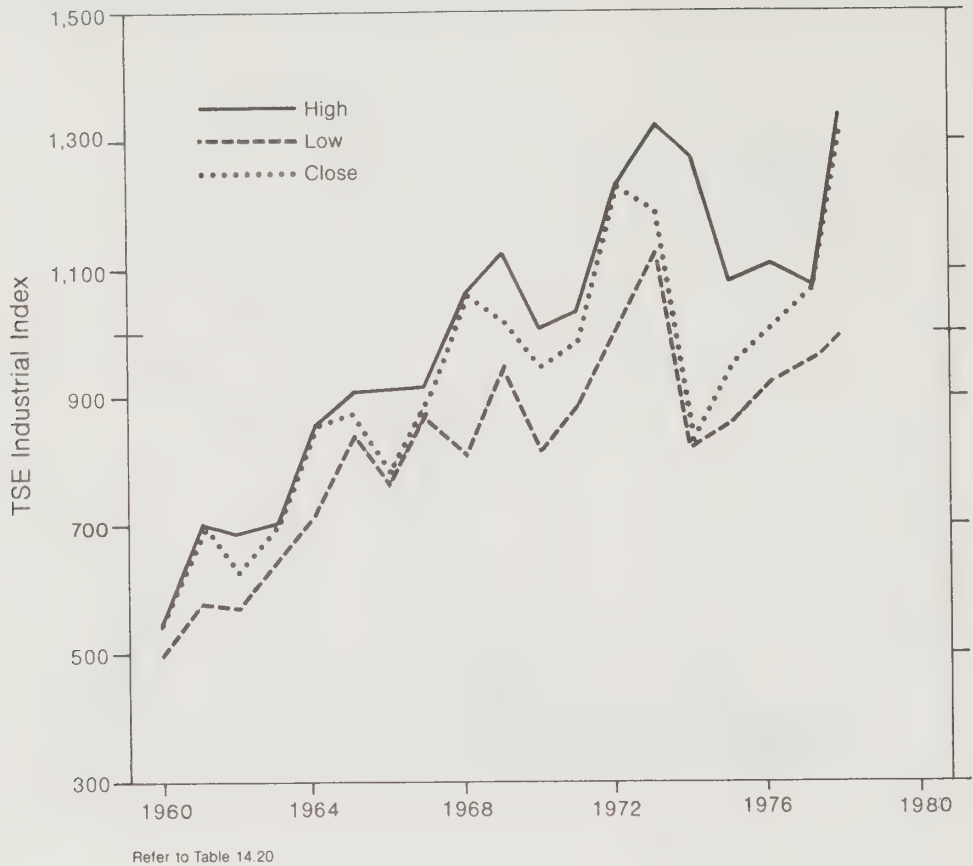
Refer to Table 14.13

Graph 14.F
Cheques Cashed Against Individual Accounts, Canada, Ontario and Toronto, 1945-1978

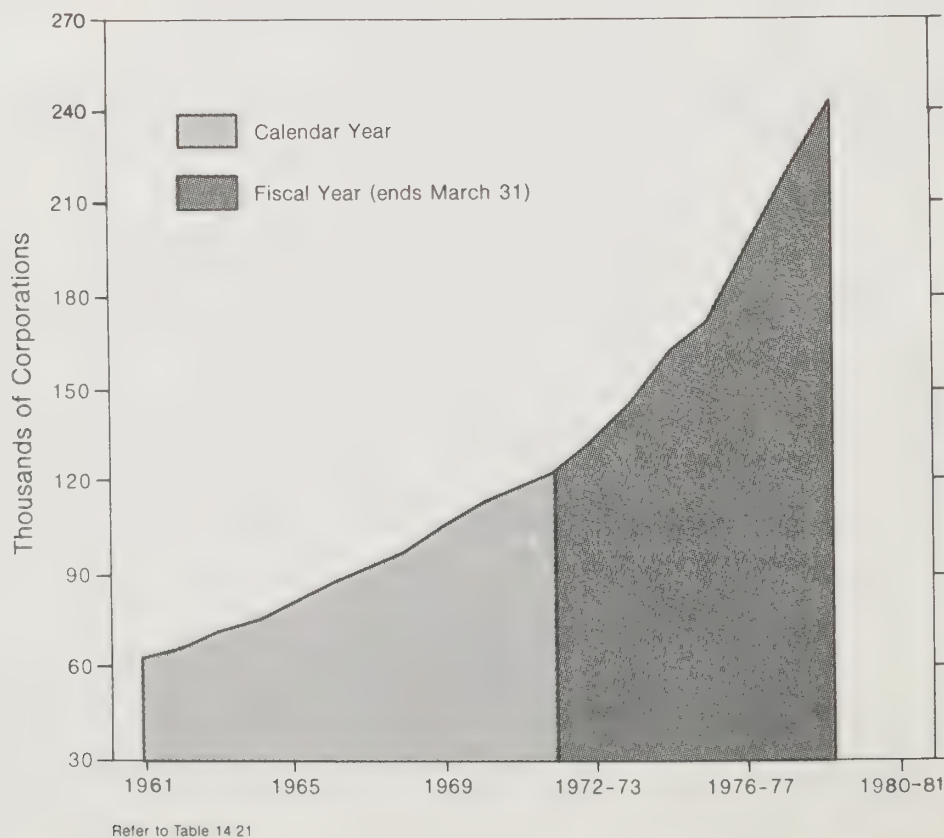


Refer to Table 14.16

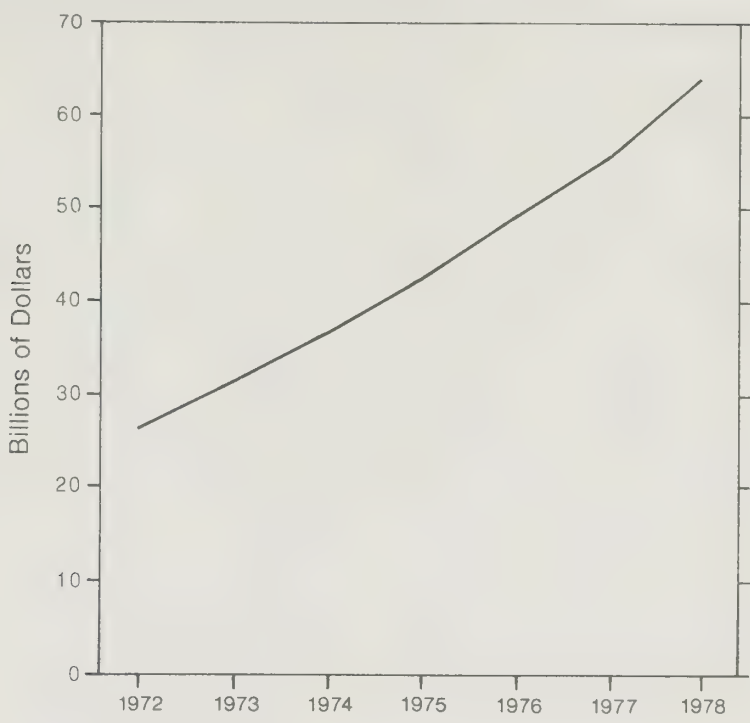
Graph 14.G
Toronto Stock Exchange – Industrial Index, 1960-1978



Graph 14.H
Growth in the Number of Corporations, Ontario, 1961 to 1978-79



Graph 14.1
Outstanding Balances of Consumer Credit, Canada, 1972-1978



Refer to Table 14.19

Table 14.1
Ten-Year Review, Ontario, 1970-71 to 1979-80

	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-89 ¹	1979-80 ²
	\$ Million									
Financial Transactions ³										
Revenue	5,226	5,615	6,294	7,177	8,855	9,520	11,148	11,782	13,145	14,405
Expenditure	5,795	6,636	7,038	7,885	9,832	11,319	12,467	13,544	14,482	15,558
Net Cash Requirements	569	1,021	744	708	977	1,799	1,319	1,762	1,337	1,153
Financial Position										
Funded Debt (excluding Ontario Hydro)	4,237	5,270	6,300	7,008	7,844	9,818	10,895	12,364	14,039	15,342
Funded Debt per Capita	551	677	798	873	962	1,190	1,307	1,467	1,653	1,791
Funded Debt as a Per Cent of Gross Provincial Product	12.0	13.7	14.5	13.9	13.1	15.0	14.7	15.0	15.5	15.3
	\$ Million									
U.S. Borrowing on behalf of Ontario Hydro	956	1,005	1,159	1,382	1,710	2,240	2,509	2,901	3,568	n.a.
Contingent Liabilities	2,413	2,781	3,030	3,330	3,843	5,027	5,735	6,152	n.a.	n.a.

1) Interim

2) Estimated

3) Includes budgetary and non-budgetary expenditures.

Source: Ministry of Treasury and Economics

Table 14.2
Budgetary Revenue, Ontario, 1974-75 to 1979-80

	1974-75	1975-76	1976-77	1977-78 ¹	1978-79 ¹	1979-80 ²
\$ Million						
Taxation	4,953	5,205	6,006	6,652	6,928	7,902
Personal Income Tax ³	1,445	1,571	1,782	2,447	2,735	2,971
Federal Revenue Guarantees	49	255	496	210	44	5
Corporation Taxes:						
Income Tax	750	976	791	734	938	995
Capital & Insurance						
Premiums Taxes	142	164	211	280	327	340
Retail Sales Tax	1,569	1,328	1,775	1,926	1,710	2,295
Gasoline Tax	493	505	508	523	540	607
Motor Vehicle Fuel Tax	79	73	79	85	94	122
Reciprocal Taxation	...	...	...	22	40	40
Mining Profits Tax	153	63	42	23	41	50
Tobacco Tax	101	104	157	206	260	292
Succession Duty ⁴	78	64	62	73	62	35
Land Transfer Tax	48	51	52	62	67	92
Land Speculation Tax ⁵	-	3	6	7	5	-
Race Tracks Tax	34	38	41	43	47	49
Income Tax — Public						
Utilities	8	7	5	8	15	6
Other Taxation	4	3	-1	3	3	3
Other Revenue	1,350	1,484	1,827	1,968	2,197	2,394
Premiums — OHIP	548	573	799	830	975	1,035
LCBO Profit	248	273	302	327	360	412
Vehicle Registration Fees	187	222	223	267	298	310
Other Fees and Licences	155 ^r	176 ^r	202 ^r	219	250	264
Ontario Lottery Profits	...	42	76	71	46	53
Fines & Penalties	42	47	51	59	63	69
Royalties	36	40	42	49	55	58
Sales & Rentals	74 ^r	26 ^r	39 ^r	41	42	44
Utility Service Charges	26	32	36	48	47	48
Miscellaneous	34	53	57	57	61	101 ⁶
Payments from the Federal						
Government	1,517	1,930	2,236	2,040	2,736	2,730
Interest on Investments	357	391	445	439	427	420
Total Budgetary Revenue	8,177	9,010	10,514	11,099	12,288	13,446

1) Interim

2) Estimated

3) Net of tax credits of \$306 million, \$391 million, \$418 million, \$428 million, \$434 million and \$455 million for the 1974-75, 1975-76, 1976-77, 1977-78, 1978-79 and 1979-80 fiscal years.

4) Repealed April 10, 1979

5) Repealed in November 1978

6) Includes \$37 million profit from the sale of Syncrude Investment.

Source: Ministry of Treasury and Economics

Table 14.3

Budgetary Expenditure by Policy Field and Ministerial Responsibility, Ontario, 1974-75 to 1979-80

	1974-75	1975-76	1976-77	1977-78 ¹	1978-79 ¹	1979-80 ²
	\$ Million					
Social Development Policy	5,783	6,805	7,671	8,560	9,180	9,635
Health	2,494	2,945	3,349	3,631	3,970	4,183
Education	1,598	1,776	1,986	2,343	2,396	2,515
Colleges & Universities	878	1,019	1,158	1,257	1,373	1,430
Community & Social Services	739	956	1,034	1,137	1,234	1,318
Culture & Recreation	74	109	144	192	207	189
Resources Development Policy	1,252	1,613	1,655	1,823	1,905	2,050
Transportation & Communications	777	911	917	1,035	1,067	1,134
Natural Resources	178	202	234	243	247	261
Housing	71	192	157	172	181	227
Agriculture & Food	112	151	165	170	176	178
Environment	58	83	99	114	126	130
Industry & Tourism	37	50	56	53	61	65
Labour	17	20	23	29	35	40
Energy	2	4	4	7	12	15
Justice Policy	297	358	428	463	503	519
Solicitor General	106	128	144	153	170	175
Correctional Services	72	88	107	118	130	131
Attorney General	84	99	116	129	141	149
Consumer & Commercial Relations	35	43	61	63	62	64
Other Ministries	801	989	1,099	1,041	1,164	1,425
Intergovernmental Affairs	338 ⁴	387 ⁴	461 ¹	390	509	547
Government Services	269	288	296 ¹	271	258	272
Revenue	123	173	198	195	194	195
Northern Affairs	51	95	87	113	130	141
Treasury & Economics	...	...	19	20	26	23
Employment Development Fund ³	—	—	—	—	—	200
Assembly	8	30	17	30	22	19
Management Board	7	8	8	8	10	11
Ombudsman	—	1	3	4	4	4
Other	5	7	10	10	11	13
Public Debt — Interest	591	725	8901,033	1,033	1,233	1,388
Contingency for Salary Awards	—	—	—	—	—	88
Total Budgetary Expenditure	8,724	10,490	11,743	12,926	13,985	15,105

1) Interim

2) Estimated

3) Supplementary Estimates to be tabled in the Legislature.

4) Includes Treasury & Economics, as breakout not available for these years.

Source: Ministry of Treasury and Economics.

Table 14.4
Municipal Revenue Fund, Revenues, Ontario 1968-1977

	Taxation ¹					Payments in Lieu of Taxes
	Residential and Farm	Commercial and Industrial	Business	Special Charges	Total	
	\$'000's					
1968	735,845	367,992	149,004	29,411	1,282,252	47,504
1969	835,568	406,372	165,380	30,974	1,438,294	55,001
1970	929,751	449,911	184,197	32,921	1,596,780	62,863
1971	953,784	463,240	194,915	38,143	1,650,082	65,958
1972	1,004,035	491,269	207,549	41,546	1,744,399	73,038
1973	1,025,704	501,127	220,755	40,071	1,787,728	80,758
1974	1,127,903	567,807	244,917	41,638	1,982,265	95,638
1975	1,321,828	673,679	294,257	61,325	2,351,089	121,275
1976	1,543,066	795,753	347,925	75,832	2,762,876	144,130
1977	875,030	451,088	211,382	125,173	1,662,673	144,516

Table 14.4 (cont'd)

Ontario Grants						
Unconditional	Trans- portation	Health and Social	Other Conditional	Total	Other Revenue	Total Revenue
	\$'000's					
1968	50,809	106,794	60,894	7,870	226,367	92,358
1969	52,498	109,722	67,131	10,051	239,402	109,878
1970	54,158	124,925	100,444	13,397	292,924	121,958
1971	60,020	151,345	136,732	16,503	364,600	143,457
1972	79,378	152,693	140,107	26,476	398,654	160,483
1973	200,173	162,831	137,140	28,601	528,745	167,460
1974	278,289	179,397	161,401	19,250	638,337	209,283
1975	346,335	215,081	338,893 ²	64,485 ³	964,794	297,756
1976	361,637	221,162	355,696	64,703	1,003,198	368,162
1977	419,242	258,429	313,004	41,182	1,031,856	862,975

¹ Includes taxation revenue of school boards.

² Includes Children's Aid Societies, District Welfare Boards, Homes for Aged and Public Health Units.

³ Includes Conservation Authorities.

Source: Ministry of Treasury and Economics, *Municipal Financial Information*.

Table 14.5
Municipal Revenue Fund, Expenditures, Ontario, 1968-1977

	General Government	Protection				Transportation			
		Fire	Police	Other	Total	Roads	Transit	Other	Total
					\$'000's				
1968	131,484	65,943	88,368	31,221	185,532	262,199	20,200	41,526	323,925
1969	153,387	78,878	103,883	33,769	214,530	269,295	21,300	44,930	335,525
1970	52,360	88,151	123,317	37,121	248,589	298,319	23,400	51,214	372,933
1971	173,716	98,549	143,976	42,419	284,944	337,749	29,900	62,262	429,911
1972	187,061	111,802	163,566	47,604	322,972	354,695	37,500	66,309	458,504
1973	196,619	124,308	188,796	52,955	366,059	370,697	56,600	73,027	500,324
1974	243,648	144,784	227,768	60,720	433,272	400,258	81,764	78,529	560,551
1975	272,545	176,949	284,256	83,457 ¹	544,662	453,924	114,502	74,705	643,131
1976	311,278	195,454	327,548	79,740	602,742	486,279	108,189	82,245	676,713
1977 ⁵	365,040	218,384	373,007	61,696	653,087	607,362	347,523	58,536	1,013,421

Table 14.5 (cont'd)

	Environment					Health And Social	Re- creation	Plan- ning	Total Own		Total Expendi- ture
	Sewage	Solid Waste	Water	Other	Total				Expendi- ture	Education Levies	
\$'000's											
1968	68,955	39,125	...	...	108,080	140,072	90,447	15,328	994,868	639,457	1,634,325
1969	74,248	42,856	...	...	117,104	157,538	103,305	16,982	1,098,371	744,333	1,842,704
1970	79,563	47,526	...	...	127,089	211,971	120,313	19,271	1,252,526	816,399	2,068,925
1971	89,012	53,716	...	...	142,728	266,555	141,180	25,342	1,464,376	755,971	2,220,347
1972	101,283	59,543	...	...	160,826	264,400	165,474	29,300	1,588,537	766,681	2,355,218
1973	114,259	66,983	...	...	181,242	275,581	196,026	33,869	1,749,720	796,850	2,546,570
1974	128,329	79,268	...	...	207,596	327,601	229,535	43,707	2,045,910	882,404	2,928,314
1975	188,031	89,213	...	...	277,244	544,418 ²	317,665 ³	73,873	2,673,538	1,053,566	3,727,104
1976	218,212	99,444	...	...	317,656	584,211	369,899	84,304	2,946,803	1,308,228	4,255,031
1977 ⁵	229,658	109,192	212,094 ⁴	12,904	563,848	566,676	445,949	107,016	3,715,037	1,546,359	5,261,396

1) Includes Conservation Authorities.
2) Includes Children's Aid Societies, District Welfare Boards, Homes for Aged and Public Health Units.
3) Includes Library Boards, Arenas and other Recreation Boards.
4) The consolidation in 1977 of all municipal water systems has resulted in the addition of a separate reporting category for this function. Previously, municipal spending on water services was included with "Environmental Services."
5) Further consolidation of local boards and municipal enterprises, particularly transit operations, libraries and waterworks systems, may distort comparisons of the operations between 1976 and 1977.

Source: Ministry of Treasury and Economics, *Municipal Financial Information*.

Table 14.6
Budgetary Revenue, Ontario, 1974-75 to 1979-80

	1974-75	1975-76	1976-77	1977-78 ¹	1978-79 ¹	1979-80 ²
	\$ Million					
Established Programs						
Financing ³	—	—	—	1,233	1,606	1,834
Hospital Insurance	652	849	1,027	29	29	30
Medical Care	275	288	360	8	—	—
Canada Assistance Plan	300	444	472	416	408	455
Extended Health Care Services ⁴	—	—	—	167	188	210
Post-Secondary Education Payments	143	167	190	—	—	—
Adult Occupational Training	60	71	80	76	97	100
Bilingualism Development	27	30	35	31	44	26
Economic Development	13	23	14	21	13	15
Vocational Rehabilitation	8	11	10	11	12	13
Economic Stimulation ⁵	...	...	...	...	288	...
Other Federal Payments	39	47	48	48	51	47
Total Payments	1,517	1,930	2,236	2,040	2,736	2,730
Annual Per Cent Increase	19.7	27.2	15.9	-8.8	34.1	-0.2
Federal Payments as a Per Cent of Ontario Revenue	18.6	21.4	21.3	18.4	22.3	20.3

¹ Interim
² Estimated
³ Replaces former transfers for Hospital Insurance, Medical Care, Post-Secondary Education, and Revenue Guarantees effective April 1, 1977.
⁴ Replaces a portion of shared-cost expenses previously paid under the Canada Assistance Plan.
⁵ Federal share of the joint Federal-Provincial economic stimulus program which reduced the rate of the retail sales tax from 7 per cent to 4 per cent from the period April 11 to October 7, 1978.

Source: Ministry of Treasury and Economics.

Table 14.7

Government¹ Revenue, Expenditure and Surplus or Deficit on a National Accounts Basis, Ontario, Selected Years, 1966-1977.

	1966	1971	1972	1973	1974	1975	1976	1977
	\$ Million							
Revenue ²	9,713	18,399	20,510	23,184	27,762	30,423	34,570	37,406
Direct Taxes, Persons	2,556	5,663	6,270	7,093	8,469	9,403 ^r	10,814 ^r	11,624
Direct Taxes, Corporations ³	1,047	1,544	1,807	2,233	2,949 ^r	2,973 ^r	2,803 ^r	2,793
Direct Taxes, Non-residents, Federal	125	165	175	213	262	271	294	311
Indirect Taxes	3,747	5,554	6,239	7,120	8,372 ^r	8,447 ^r	9,875 ^r	10,912
Other Current Transfers from Persons	249	736	659	687	738 ^r	730 ^r	958 ^r	1,053
Investment Income	408	1,170	1,388	1,583	1,899 ^r	2,260 ^r	2,597 ^r	3,003
Current Transfers from Other Levels of Government ²	1,581	3,567	3,972	4,255	5,073 ^r	6,339 ^r	7,229 ^r	7,710
Current Expenditure ²	7,607	15,902	17,722	19,700	23,703 ^r	29,175 ^r	33,064 ^r	36,697
Current Expenditure on Goods and Services	3,777	7,526	8,293	9,237	10,871 ^r	13,049 ^r	14,669 ^r	16,488
Transfer Payments to Persons	1,244	2,967	3,328	3,685	4,562	5,696 ^r	6,351 ^r	7,165
Subsidies	157	157	165	213	495	741 ^r	723 ^r	684
Capital Assistance	14	66	82	78	71	153	158 ^r	154
Current Transfers to Non-residents	-	-	-	-	-	-	-	-
Interest on Public Debt	834	1,619	1,882	2,232	2,631	3,197 ^r	3,934 ^r	4,496
Current Transfers to Other Levels of Government ²	1,581	3,567	3,972	4,255	5,073 ^r	6,339 ^r	7,229 ^r	7,710
Saving ⁴	2,106	2,497	2,788	3,484	4,059 ^r	1,248 ^r	1,506 ^r	709
Surplus or Deficit								
Saving as above:								
Add:								
Capital Consumption Allowance	292	457	515	587	736 ^r	859 ^r	976 ^r	1,119
Deduct:								
Gross Capital Formation	972	1,303	1,363	1,396	1,794	1,905	1,832 ^r	1,928
Equals:								
Surplus(+) or Deficit(-)	+ 1,426	+ 1,651	+ 1,940	+ 2,675	+ 3,001 ^r	+ 202 ^r	+ 650 ^r	-100

1) Includes federal, provincial and local levels of government.

2) For an accurate figure for total revenue and expenditure, the current transfers to other levels of government should be subtracted.

3) Includes corporate and government business enterprises.

4) Total revenue less total expenditure.

Source: S.C., *Provincial Economic Accounts*, Catalogue 13-213.

Table 14.8
Municipal Revenue Fund, Expenditures, by Upper Tier¹, Ontario 1977

	General Government	Protection				Transpor- tation	Environ- ment
		Fire	Police	Other	Total		
\$'000's							
Metro							
Metropolitan Toronto	111,911	73,356	154,217	20,603	248,176	355,192	170,663
Regional Governments							
Durham	11,048	7,077	10,070	2,575	19,722	23,161	17,294
Haldimand-Norfolk	3,007	1,098	2,340	812	4,250	9,129	4,155
Halton	7,244	4,147	9,325	2,605	16,077	19,522	13,653
Hamilton-Wentworth	17,788	13,870	24,129	3,323	41,322	45,956	33,657
Niagara	13,083	8,300	16,096	1,961	26,357	36,508	27,403
Ottawa-Carleton	36,936	19,906	24,267	3,870	48,043	92,962	36,417
Peel	13,228	9,677	17,427	4,520	31,624	33,283	28,571
Sudbury	10,544	3,488	6,734	776	10,998	19,228	14,144
Waterloo	11,036	9,608	12,699	2,437	24,744	26,536	17,366
York	7,103	2,823	8,281	1,920	13,024	17,661	13,310
Muskoka	1,787	500	31	181	712	7,835	2,009
Oxford	2,697	1,505	2,136	301	3,942	8,465	4,315
Total	247,412	155,355	287,752	45,884	488,991	695,438	382,957
Counties							
Brant	3,636	2,889	3,826	745	7,460	7,649	5,710
Bruce	2,652	470	844	347	1,661	9,185	2,584
Dufferin	1,078	249	592	176	1,017	3,451	899
Elgin	2,338	1,194	1,419	361	2,974	7,767	3,299
Essex	13,175	8,082	13,915	1,742	23,739	25,606	26,024
Frontenac	4,052	2,673	2,936	593	6,202	10,137	5,814
Grey	2,753	1,234	1,244	414	2,892	11,208	3,382
Haliburton	725	149	-	68	217	2,645	298
Hastings	3,167	2,166	2,858	524	5,548	11,327	6,432
Huron	2,295	435	803	311	1,549	8,400	2,711
Kent	4,589	2,085	2,849	684	5,618	10,046	7,079
Lambton	4,879	2,719	3,432	576	6,727	12,629	8,767
Lanark	1,779	392	796	87	1,275	5,171	2,037
Leeds and Grenville	2,227	1,215	1,532	239	2,986	9,181	3,451
Lennox and Addington	1,240	313	224	206	743	3,731	1,121
Middlesex	10,293	7,588	11,270	1,383	20,241	29,082	23,508
Northumberland	2,264	576	1,019	360	1,955	6,112	3,723
Perth	2,380	1,469	1,773	319	3,561	8,115	2,839
Peterborough	4,139	2,426	2,738	540	5,704	9,243	5,202
Prescott and Russell	2,284	480	370	129	979	7,081	1,604
Prince Edward	664	214	224	65	503	1,967	800
Renfrew	3,177	1,329	1,417	144	2,890	7,473	3,735
Simcoe	7,936	3,135	4,430	1,233	8,798	17,458	10,409
Stormont, Dundas and Glengarry	3,264	1,525	2,219	467	4,211	11,357	5,483
Victoria	1,596	461	594	219	1,274	5,614	1,613
Wellington	3,987	2,898	3,384	915	7,197	13,436	5,063
Total	92,569	48,366	66,708	12,847	127,921	255,071	143,587
Districts							
Algoma	5,512	2,907	4,330	950	8,187	11,988	7,752
Cochrane	3,906	2,039	2,286	505	4,830	9,184	5,777
Kenora	2,069	799	1,002	123	1,924	3,847	3,375
Manitoulin	422	202	-	30	232	900	229
Nipissing	3,141	2,122	3,284	263	5,669	6,869	4,390
Parry Sound	1,237	286	214	90	590	3,294	1,193
Rainy River	1,163	393	896	28	1,317	2,484	1,305
Sudbury	995	239	254	53	546	1,582	877
Thunder Bay	5,032	4,853	5,538	857	11,248	15,983	9,499
Timiskaming	1,581	825	746	65	1,636	6,786	2,903
Total	25,058	14,665	18,550	2,964	36,179	62,917	34,300
Provincial Total	365,040	218,384	373,007	61,696	653,087	1,013,421	563,848

Table 14.8 (cont'd)**Municipal Revenue Fund, Expenditures, by Upper Tier¹, Ontario 1977**

	Health and Social	Culture and Recreation	Planning and Development	Total Own Expenditures	Own in Year Surplus (Deficit)	Upper Tier/ School Board In Year Surplus (Deficit)	In Year Surplus (Deficit)
\$'000's							
Metro Metropolitan Toronto	186,738	157,856	23,132	1,253,668	(11,484)	8,907	(2,577)
Regional Governments							
Durham	18,518	14,214	4,350	108,307	679	234	913
Haldimand-Norfolk	5,510	2,572	1,289	29,911	159	(4)	155
Halton	9,860	12,897	1,708	80,960	(52)	(19)	(70)
Hamilton-Wentworth	32,338	22,890	6,843	200,792	(138)	498	360
Niagara	24,587	14,762	3,892	146,592	635	(102)	533
Ottawa-Carleton	40,379	32,024	12,124	298,884	(6,069)	538	(5,531)
Peel	15,859	20,757	3,894	147,215	(2,500)	164	(2,336)
Sudbury	10,526	9,060	2,919	77,419	834	121	955
Waterloo	15,417	15,851	3,097	114,047	1,525	(405)	1,120
York	7,938	10,635	1,924	71,595	1,586	189	1,775
Muskoka	2,728	1,431	469	16,971	(113)	(9)	(122)
Oxford	4,333	3,349	1,270	28,373	(174)	(131)	(305)
Total	374,731	318,298	66,911	2,574,734	(15,112)	9,981	(5,130)
Counties							
Brant	6,773	5,228	1,560	38,015	(172)	3	(169)
Bruce	3,238	2,448	687	22,455	(121)	37	(83)
Dufferin	2,073	917	290	9,725	(139)	94	(45)
Elgin	4,360	2,020	1,006	23,764	(62)	62	1
Essex	17,178	12,743	3,873	122,339	1,675	(51)	1,625
Frontenac	8,140	5,026	1,240	40,612	(784)	98	(686)
Grey	4,298	3,179	635	28,348	(254)	(83)	(337)
Haliburton	996	591	129	5,601	37	11	48
Hastings	6,504	3,459	1,099	37,534	(48)	19	(29)
Huron	4,274	2,240	1,377	22,844	(169)	58	(110)
Kent	5,551	3,250	1,751	37,884	369	19	388
Lambton	6,900	5,538	3,179	48,620	1,380	24	1,404
Lanark	3,493	1,479	576	15,809	(345)	53	(292)
Leeds and Grenville	4,086	2,480	589	24,999	103	7	109
Lennox and Addington	1,743	1,238	448	10,264	(318)	52	(266)
Middlesex	18,016	11,707	3,404	116,251	(1,179)	(9)	(1,189)
Northumberland	2,782	1,530	509	18,875	(326)	(55)	(381)
Perth	2,952	2,122	1,381	23,351	(268)	(26)	(294)
Peterborough	5,826	3,367	884	34,366	(352)	(22)	(374)
Prescott and Russell	3,727	1,819	528	18,022	(8)	(42)	(51)
Prince Edward	922	575	194	5,625	(71)	(10)	(81)
Renfrew	7,162	3,135	940	28,513	(42)	(101)	(143)
Simcoe	8,232	7,273	2,457	62,563	998	(192)	806
Stormont, Dundas and Glengarry	5,791	4,499	1,553	36,158	538	176	714
Victoria	3,441	1,481	560	15,581	37	17	54
Wellington	6,904	5,770	1,111	43,470	(453)	(37)	(490)
Total	145,362	95,114	31,960	891,588	26	102	129
Districts							
Algoma	8,902	6,248	1,448	50,037	339	11	350
Cochrane	6,901	4,171	595	35,363	(282)	(5)	(287)
Kenora	4,158	2,059	705	18,137	174	(40)	134
Manitoulin	237	408	115	2,543	17	2	19
Nipissing	4,470	3,673	459	28,671	549	(24)	525
Parry Sound	1,835	1,109	209	9,467	158	14	172
Rainy River	2,053	1,306	127	9,755	439	(37)	402
Sudbury	348	1,050	74	5,473	(38)	18	(21)
Thunder Bay	15,021	10,651	2,841	70,274	522	1	522
Timiskaming	2,655	1,863	1,572	18,994	192	15	208
Total	46,580	32,538	8,145	248,714	2,070	(45)	2,024
Provincial Total	566,676	455,949	107,016	3,715,037	(13,017)	10,038	(2,979)

1) See definitions for explanation of "upper tier".

Source: Ministry of Treasury and Economics, Municipal Financial Information.

Table 14.9
Municipal Revenue Fund, Revenues, by Upper Tier¹, Ontario 1977

	Taxation	Payments in Lieu of Taxes	Ontario Grants	Other	Total Revenue
\$'000's					
Metro					
Metropolitan Toronto	582,308	52,111	255,441	352,324	1,242,184
Regional Governments					
Durham	50,666	1,722	32,719	23,879	108,986
Haldimand-Norfolk	12,958	570	10,008	6,534	30,070
Halton	42,484	1,286	20,987	16,151	80,908
Hamilton-Wentworth	103,403	4,791	55,252	37,208	200,654
Niagara	69,684	4,102	46,094	27,347	147,227
Ottawa-Carleton	117,889	40,441	70,457	64,028	292,815
Peel	72,950	5,331	31,700	34,734	144,715
Sudbury	31,150	1,256	32,750	13,097	78,253
Waterloo	57,688	2,562	30,237	25,085	115,572
York	35,469	604	20,102	17,006	73,181
Muskoka	6,356	148	8,061	2,293	16,858
Oxford	12,847	310	9,096	5,946	28,199
Total	1,195,852	115,234	622,904	625,632	2,559,622
Counties					
Brant	16,998	646	11,302	8,897	37,843
Bruce	7,750	432	9,638	4,514	22,334
Dufferin	3,456	155	3,972	2,003	9,586
Elgin	9,349	376	8,506	5,471	23,702
Essex	64,262	3,560	27,796	28,396	124,014
Frontenac	14,961	2,352	13,969	8,546	39,828
Grey	10,300	417	12,291	5,086	28,094
Haliburton	1,908	117	2,755	858	5,638
Hastings	14,129	919	14,790	7,648	37,486
Huron	7,560	242	9,563	5,310	22,675
Kent	18,434	539	11,261	8,019	38,253
Lambton	24,160	820	12,459	12,561	50,000
Lanark	4,578	285	6,907	3,694	15,464
Leeds and Grenville	9,170	539	10,436	4,957	25,102
Lennox and Addington	2,943	381	4,124	2,498	9,946
Middlesex	51,363	4,441	35,605	23,663	115,072
Northumberland	7,365	463	6,669	4,052	18,549
Perth	10,031	340	8,173	4,539	23,083
Peterborough	15,747	804	10,522	6,941	34,014
Prescott and Russell	5,858	134	9,069	2,953	18,014
Prince Edward	1,911	69	2,376	1,198	5,554
Renfrew	8,885	1,450	12,411	5,725	28,471
Simcoe	30,680	1,144	18,354	13,383	63,561
Stormont, Dundas and Glengarry	13,506	961	14,255	7,974	36,696
Victoria	5,467	261	6,751	3,139	15,618
Wellington	18,533	1,070	15,415	7,999	43,017
Total	379,304	22,917	299,369	190,024	891,614
Districts					
Algoma	18,599	1,102	21,412	9,263	50,376
Cochrane	10,966	734	16,145	7,236	35,081
Kenora	6,370	450	7,089	4,402	18,311
Manitoulin	762	36	1,345	417	2,560
Nipissing	10,532	1,041	12,194	5,453	29,220
Parry Sound	3,039	68	4,780	1,738	9,625
Rainy River	3,218	147	4,430	2,399	10,194
Sudbury	2,071	53	2,274	1,037	5,435
Thunder Bay	27,007	2,194	29,041	12,554	70,796
Timiskaming	4,953	540	10,873	2,820	19,186
Total	87,517	6,365	109,583	47,319	250,784
Provincial Total	1,662,673	144,516	1,031,856	862,975	3,702,020

¹⁾ See definitions for explanation of "upper tier".

Table 14.11**Municipal Capital Fund, by Upper Tier¹, Ontario, 1977**

			Balance ²	
	Total Capital Outlay	Sources		Accumulated
		Total	In Year	At Year End
		\$'000's		
Metro				
Metropolitan Toronto	341,397	420,217	78,820	10,533
Regional Governments				
Durham	49,540	49,517	(23)	(12,190)
Haldimand-Norfolk	9,566	10,279	713	(408)
Halton	41,192	41,773	581	(9,169)
Hamilton-Wentworth	42,055	37,523	(4,532)	23,180
Niagara	35,684	41,137	5,453	(4,379)
Ottawa-Carleton	91,255	105,552	14,297	8,654
Peel	45,183	39,315	(5,868)	(1,171)
Sudbury	20,952	30,143	9,192	(4,272)
Waterloo	27,816	34,066	6,250	32
York	31,444	27,620	(3,824)	(6,906)
Muskoka	6,503	6,311	(192)	(1,725)
Oxford	11,126	11,874	747	(5,590)
Counties				
Brant	8,214	12,930	4,716	2,275
Bruce	7,862	8,849	987	(2,231)
Dufferin	2,924	2,858	(66)	(163)
Elgin	5,083	5,473	390	(1,537)
Essex	26,626	37,668	11,042	2,768
Frontenac	12,056	13,727	1,671	(5,762)
Grey	7,800	6,887	(913)	(1,918)
Haliburton	2,150	1,776	(374)	(345)
Hastings	8,737	10,077	1,341	(3,372)
Huron	7,406	7,687	281	(1,566)
Kent	14,242	15,837	1,595	(5,541)
Lambton	18,295	20,674	2,379	(4,320)
Lanark	4,719	4,724	5	(875)
Leeds and Grenville	7,414	6,908	(506)	(1,210)

Table 14.11 (cont'd)**Municipal Capital Fund, by Upper Tier¹, Ontario, 1977**

	Total Capital Outlay	Sources	Balance ²	
			In Year	Accumulated At Year End
		Total		
		\$'000's		
Counties (cont'd)				
Lennox and Addington	3,047	3,648	601	(332)
Middlesex	25,405	30,214	4,809	3,322
Northumberland	6,777	7,877	1,100	(1,406)
Perth	7,207	7,754	547	(821)
Peterborough	12,047	12,524	477	(1,871)
Prescott and Russell	7,525	7,907	383	(2,121)
Prince Edward	860	1,762	902	(34)
Renfrew	10,703	10,751	48	(3,008)
Simcoe	22,654	21,367	(1,287)	(5,880)
Stormont, Dundas and Glengarry	17,507	15,760	(1,747)	(11,596)
Victoria	8,660	8,848	188	(1,431)
Wellington	15,977	14,931	(1,046)	(4,475)
Districts				
Algoma	12,579	18,481	5,901	(4,074)
Cochrane	14,552	15,403	851	510
Kenora	3,221	4,983	1,762	(285)
Manitoulin	930	1,053	123	8
Nipissing	11,635	10,549	(1,086)	(7,613)
Parry Sound	2,833	3,888	1,056	(54)
Rainy River	1,909	1,950	41	(323)
Sudbury	3,100	2,244	(856)	(1,425)
Thunder Bay	28,916	27,137	(1,780)	(6,834)
Timiskaming	5,214	5,602	388	(503)
Provincial Total	1,110,501	1,246,034	135,534	(77,451)

1) See definitions for explanation of "upper tier".

2) Unexpected financing is shown without brackets; unfinanced expenditures are shown in brackets.

Source: Ministry of Treasury and Economics, Municipal Financial Information.

Table 14.12
Federal and Provincial Bond¹ Issues and Retirements, Canada, 1967-1978

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
	\$ Million Canadian - par value											
Government of Canada direct and guaranteed bonds												
Gross new issues delivered												
Canadian dollars	3,694	6,329	6,424	4,359	5,208	3,470	3,138	9,057	6,129	6,137	8,562	13,244 ^r
Other currencies	-	268	16	-	-	-	-	-	-	-	-	2,316
Total	3,694	6,597	6,440	4,359	5,208	3,470	3,138	9,057	6,129	6,137	8,562	15,560 ^r
Retirements												
Canadian dollars	2,873	5,420	6,169	3,135	2,864	2,200	3,725	5,740	2,695	3,547	3,024	7,854 ^r
Other currencies	205	2	2	110	2	2	90	45	37	2	2	2
Total	3,079	5,422	6,170	3,245	2,866	2,201	3,815	5,785	2,732	3,549	3,026	7,855 ^r
Net new issues												
Canadian dollars	820	909	255	1,224	2,344	1,270	-588	3,317	3,434	2,590	5,538	5,390 ^r
Other currencies	- 205	266	14	-110	-2	-2	-90	-45	-37	-2	-2	2,315
Total	615	1,175	269	1,114	2,342	1,269	-677	3,272	3,397	2,588	5,536	7,705 ^r
Provincial direct and guaranteed bonds												
Gross new issues delivered												
Canadian dollars	1,994	1,730	1,619	2,230	2,616	2,717	2,742	3,235 ^r	4,718 ^r	5,409 ^r	5,503 ^r	5,826 ^r
Other currencies	748	892	1,074	574	750	1,099	830	1,669	3,302	4,676	3,010	2,109
Total	2,742	2,623	2,693	2,804	3,366	3,816	3,572	4,903 ^r	8,020 ^r	10,085 ^r	8,513 ^r	7,936 ^r
Retirements												
Canadian dollars	635	616	642	537	369 ^r	598 ^r	656 ^r	897 ^r	803	745 ^r	887 ^r	748 ^r
Other currencies	57	63	97	189	349	252	304	182	409	301	428 ^r	441 ^r
Total	692	679	739	725	718 ^r	850 ^r	960 ^r	1,079 ^r	1,212	1,045	1,315 ^r	1,189 ^r
Net new issues												
Canadian dollars	1,359	1,114	977	1,694	2,247 ^r	2,119 ^r	2,086 ^r	2,337 ^r	3,915 ^r	4,664 ^r	4,616 ^r	5,078 ^r
Other currencies	690	830	977	385	400	847	526	1,487	2,893	4,376	2,582 ^r	1,669 ^r
Total	2,049	1,944	1,953	2,079	2,647 ^r	2,966 ^r	2,612 ^r	3,824 ^r	6,808 ^r	9,040 ^r	7,198 ^r	6,746 ^r

¹ Includes non-marketable bonds.

Source Bank of Canada Review.

Table 14.13
Marketable Bond Issues¹ and Retirements², Ontario, 1972-1978

Years and Quarters	Canada										Foreign ³																									
	Direct				Guaranteed				Total				U.S.				Other Curr.				Total				Direct				Guaranteed				All Currencies			
	Gross		Net		Gross		Net		Gross		Net		Gross		Net		Gross		Net		Gross		Net		Gross		Net		Gross		Net					

1) Marketable bonds are negotiable bonds placed with investment dealers.

2) Retirements equal "gross" minus "net" issues.

3) Gross issues and retirements of Foreign Currency Issues are calculated at the rate of exchange in force at the time when the proceeds were received.

Source: Public Accounts and Finance Management Branch, Debt Model System.

Table 14.14
Official International Reserves, Canada, 1953–1978¹

End of Period	Convertible Foreign Currencies			Special Drawing Rights	Reserve position in the International Monetary Fund	Total	Total in Millions of SDR's
	U.S. Dollars	Other	Gold				
	\$ Million U.S.						
1953	839.2	-	986.1	...	75.0	1,900.3	...
1954	877.5	-	1,072.1	...	75.0	2,025.2	...
1955	775.3	-	1,133.9	...	75.0	1,984.2	...
1956	842.0	-	1,103.3	...	90.0	2,035.3	...
1957	738.2	-	1,100.3	...	90.0	1,928.5	...
1958	869.2	-	1,078.1	...	90.0	2,037.3	...
1959	917.7	-	959.6	...	152.5	2,029.8	...
1960	953.0	-	885.3	...	152.5	1,990.8	...
1961	1,123.0	10.7	946.2	...	212.1	2,292.0	...
1962	1,842.8	9.2	708.5	...	-	2,560.5	...
1963	1,786.6	9.5	817.2	...	-	2,613.3	...
1964	1,654.5	11.8	1,025.7	...	197.5	2,889.5	...
1965	1,519.9	12.8	1,150.8	...	353.4	3,036.9	...
1966	1,195.4	12.4	1,045.6	...	448.5	2,701.9	...
1967	1,255.2	13.4	1,014.9	...	433.4	2,716.9	...
1968	1,964.9	11.6	863.1	...	206.2	3,045.8	...
1969	1,743.6	12.3	872.3	...	478.1	3,106.3	...
1970	3,022.1	14.5	790.7	182.1	669.6	4,679.0	4,679.0
1971	4,060.6	13.6	791.8	371.9	332.6	5,570.4	5,570.4
1972	4,355.0	12.6	834.1	505.2	342.9	6,049.9	5,572.3
1973	3,927.2	12.2	926.9	563.7	338.2	5,768.2	4,781.5
1974	3,767.7	12.9	940.7	574.3	529.7	5,825.3	4,757.9
1975	3,207.1	15.7	899.4	555.4	648.0	5,325.6	4,549.3
1976	3,446.3	15.8	879.0	557.8	944.5	5,843.4	5,029.2
1977	2,298.7	15.8	935.6	505.3	852.1	4,607.5	3,793.1
1978	2,459.5	18.4	1,009.1	522.4	556.8	4,566.2	3,504.9

¹⁾ Prior to May, 1972, SDR's, gold and Canada's reserve position in the IMF were valued on the basis of gold at U.S. \$35 per fine ounce. They were revalued to U.S. \$38 in May, 1972 and to U.S. \$42.2222 in October, 1973. Beginning in July, 1974, these assets are valued on the basis of the month-end value of the SDR in terms of the U.S. dollar as determined by the IMF.

Source: Department of Finance.
 Bank of Canada, *Bank of Canada Review*.

Table 14.15
Chartered Banks Selected Assets in Canadian Currency, Ontario, Quarterly, 1972–1978¹

	Total Personal Loans	Loans to Farmers	Business Loans under Authorized Limits of:		Loans to Provin- ces and Municipal- ities	Provin- cial and Municipal Securi- ties	Mort- gages Insured under NHA	Other Residen- tial Mortgages	Total Bank Assets
			\$200,000	\$5 Million or more					
\$Million									
1972									
1st Quarter	2,363	416	783	..	274	455	769	239	..
2nd Quarter	2,574	450	849	..	268	438	828	277	..
3rd Quarter	2,655	476	906	..	139	402	927	325	..
4th Quarter	2,789	505	864	..	135	426	1,002	352	..
1973									
1st Quarter	2,899	483	950	..	262	420	1,072	388	..
2nd Quarter	3,190	531	1,004	..	204	440	1,105	436	..
3rd Quarter	3,310	574	995	..	140	420	1,065	523	..
4th Quarter	3,413	630	976	..	145	450	1,092	603	..
1974									
1st Quarter	3,539	584	1,029	..	257	447	1,105	699	..
2nd Quarter	3,835	610	1,096	2,943	161	418	1,179	848	25,072
3rd Quarter	4,066	655	1,629	3,052	174	426	1,228	950	26,206
4th Quarter	4,694	689	1,562	3,359	200	451	1,288	1,054	28,199
1975									
1st Quarter	4,740	644	1,646	3,212	326	525	1,300	1,103	28,080
2nd Quarter	4,956	697	1,772	3,403	227	562	1,387	1,227	29,325
3rd Quarter	5,120	749	1,724	3,465	170	520	1,505	1,321	29,412
4th Quarter	5,541	807	1,708	3,663	263	548	1,625	1,318	31,515
1976									
1st Quarter	5,591	775	1,927	4,104	440	564	1,674	1,326	32,057
2nd Quarter	5,940	848	2,028	3,907	201	540	1,728	1,313	33,668
3rd Quarter	5,901	911	2,059	4,112	123	485	1,848	1,341	33,659
4th Quarter	6,607	963	2,197	4,247	160	483	2,014	1,363	33,525
1977									
1st Quarter	6,949	952	2,337	4,530	398	429	2,113	1,403	37,039
2nd Quarter	7,225	1,082	2,424	4,454	156	398	2,270	1,539	39,042
3rd Quarter	7,385	1,153	2,511	4,736	103	369	2,527	1,616	40,868
4th Quarter	7,766	1,177	2,562	4,432	145	373	2,784	1,626	42,724
1978									
1st Quarter	7,678	1,147	2,600	4,268	387	356	2,921	1,661	43,552
2nd Quarter	8,036	1,302	2,703	4,311	157	363	3,118	1,791	45,817
3rd Quarter	8,275	1,430	2,677	4,475	135	366	3,392	2,017	47,336
4th Quarter	8,606	1,527	2,792	4,567	177	326	3,638	2,235	51,422

1) End of period.

Source: Bank of Canada, *Bank of Canada Review*.

Table 14.16
Cheques Cashed Against Individual Accounts, by Selected City, Canada and Ontario, 1960–1978

	Canada	Ontario	Brantford	Chatham	Cornwall	Fort William ¹	Guelph	Hamilton	Kingston	Kitchener	London	Niagara Falls
	\$'000's											
1960	277,810,037	130,109,053	688,254	655,467	406,526	454,425	439,128	5,730,223	520,401	1,268,458	3,438,475	524,104
1961	302,741,442	139,993,124	693,833	654,195	455,088	483,450	464,919	5,988,206	561,700	1,321,571	3,728,758	520,090
1962	335,798,492	156,038,681	791,851	665,473	476,467	500,329	514,090	6,709,167	627,367	1,580,719	4,184,759	583,748
1963	371,824,999	169,338,480	855,872	756,246	519,027	544,409	580,360	7,429,937	709,932	1,796,074	4,759,177	614,568
1964	430,263,557	199,554,242	921,946	868,547	609,142	583,174	637,564	8,570,766	809,636	2,006,150	5,763,605	686,661
1965	491,027,941	229,053,833	1,037,147	932,891	684,950	678,252	746,659	9,968,268	940,493	2,322,531	7,062,318	862,986
1966	537,826,117	244,285,748	1,229,858	997,126	864,691	767,934	810,868	10,734,804	1,019,805	2,764,606	7,234,046	951,241
1967	585,081,687	267,031,237	1,538,214	1,153,382	854,930	809,191	972,781	10,882,411	1,104,544	2,871,119	7,866,449	956,857
1968	636,698,635	297,010,095	1,453,105	1,307,569	883,854	748,861	1,081,339	12,293,037	1,253,610	3,279,098	8,488,986	970,326
1969	735,404,385	359,525,489	1,569,803	1,403,253	1,064,134	887,569	1,192,692	14,877,229	1,448,269	4,107,962	9,540,367	1,056,634
1970	817,910,483	414,779,688	1,785,387	1,560,325	999,264	995,954	1,199,477	15,484,281	1,496,145	4,237,706	10,272,665	1,107,274
1971	919,462,343	478,184,724	1,734,427	2,429,682	1,093,852	1,245,191	1,344,384	16,928,597	1,683,604	4,626,746	11,671,346	1,111,849
1972	1,065,933,245	558,772,881	1,966,049	3,235,953	1,177,124	1,270,285	1,627,043	17,335,918	1,818,886	5,192,030	13,765,435	1,221,412
1973	1,369,885,495	743,978,034	2,572,036	3,190,927	1,236,573	1,480,987	2,079,556	21,948,165	2,169,193	6,447,658	16,887,429	1,522,608
1974	1,698,779,734	868,740,794	3,170,916	4,740,885	1,627,532	1,807,209	2,793,019	27,388,829	2,666,718	7,875,556	21,301,385	1,706,643
1975	2,138,527,425	1,113,864,354	3,547,314	5,943,811	1,521,999	2,088,108	2,748,055	32,453,937	3,288,570	9,082,502	24,939,943	1,596,864
1976	2,459,599,223 ^r	1,248,446,278 ^r	4,364,017	7,541,476	1,790,783	2,491,547 ^r	3,203,187	34,498,706	3,590,246	9,892,778	27,301,658	2,163,060
1977	2,718,308,268	1,388,567,929	4,553,957	6,647,119	1,856,996	2,817,827	3,315,116	35,894,556	3,599,949	9,654,646	29,287,012	2,420,402
1978	3,138,384,560	1,731,966,943	5,090,393	7,291,827	2,129,892	3,252,817	3,751,238	40,076,581	3,993,812	10,730,266	27,574,050	2,605,235

Table 14.16 (cont'd)
Cheques Cashied Against Individual Accounts, by Selected City, Canada and Ontario, 1960–1978

	Oshawa	Ottawa ²	Peter- borough	Port Arthur ¹	St. Catharines	Sarnia	Ste. Marie	Sault	Sudbury	Thunder Bay ¹	Timmins	Toronto	Windsor
							\$'000's						
1960	2,403,255	5,428,618	588,320	381,793	861,905	631,965	849,716	650,352		...	191,111	101,652,499	2,344,058
1961	2,866,512	5,923,469	566,260	398,863	959,735	701,576	820,240	711,292		...	203,137	109,570,868	2,399,362
1962	3,594,666	6,765,125	615,616	401,141	1,089,736	761,867	904,898	792,746		...	227,646	121,733,430	2,517,840
1963	4,273,812	7,472,755	696,514	439,543	1,162,836	745,363	993,783	812,918		...	236,354	130,999,231	2,939,769
1964	4,818,992	8,601,107	850,500	480,042	1,504,844	760,770	1,019,060	838,983		...	272,200	155,418,798	3,531,255
1965	5,750,542	8,667,423	927,069	569,623	1,796,657	888,766	1,058,707	973,684		...	287,949	178,642,251	4,234,667
1966	5,933,947	9,624,047	1,071,951	592,461	2,020,306	1,094,866	1,149,027	1,095,945		...	388,007	188,901,897	5,038,315
1967	5,914,578	12,363,375	1,217,405	647,129	2,123,929	1,253,850	1,178,571	1,274,936		...	349,735	205,975,596	5,722,255
1968	6,550,238	13,090,133	1,209,206	684,743	2,261,310	1,427,132	1,242,601	1,477,068		...	370,924	230,701,009	6,235,946
1969	7,146,531	14,705,592	1,230,405	795,462	2,421,445	1,559,025	1,228,557	1,698,729		...	435,559	284,035,312	7,120,960
1970	5,746,732	15,386,126	1,266,631	892,601	2,262,528	1,538,798	2,440,059	1,937,429		1,888,555	447,868	336,567,159	7,155,279
1971	8,651,600	18,309,177	1,339,532	1,114,415	2,524,045	1,651,158	3,139,508	2,239,210		2,359,606	499,787	387,036,643	7,809,971
1972	8,694,246	20,365,185	1,447,390	1,172,571	2,719,899	1,723,631	1,925,422	2,337,870		2,442,856	547,931	460,485,009	8,743,592
1973	11,518,022	23,108,386	1,692,647	1,326,147	3,154,779	2,015,778	6,091,621	2,475,438		2,807,134	622,591	621,392,070	11,045,423
1974	14,689,196	27,971,471	2,072,940	1,628,439	3,778,119	2,622,763	5,008,439	2,643,897		3,435,648	929,905	719,525,626	12,791,307
1975	17,164,346	32,676,364	2,362,713	1,878,147	4,444,613	3,226,521	7,213,588	3,205,476		3,966,255	1,229,403	938,561,392	14,690,688
1976	19,006,928	39,130,494	2,783,144	2,250,023 ^r	8,842,139	4,169,187	13,589,043	3,399,214		4,741,570	1,446,615	1,040,413,731	16,578,302
1977	19,635,233	46,651,477	2,942,556	2,541,416	7,294,795	5,441,980	15,440,821	3,763,072		5,359,243	1,615,077	1,166,699,971	16,493,951
1978	18,414,117	50,836,016	3,395,659	2,940,034	7,129,914	6,760,246	6,214,573	3,801,690		6,192,851	1,557,349	1,506,364,977	18,056,257

1) Fort William merged with Port Arthur in 1970 to form the Thunder Bay Clearing Centre

2) Ottawa figures exclude some items shown in previous years.

Source: Statistics Canada, *Cheques Cashied, Catalogue 61-001*.

Table 14.17

Credit Union Index of Selected Asset and Liability Classifications, Ontario, Quarterly, 1968-1978

(1st Quarter of 1967 = 100.0)

	Assets				Liabilities and Members' Equity					Total Active Credit Unions ¹	
	Total Assets (Gross)	Cash	Invest- ments	Loans Receivable (Gross)	Fixed Assets (Net)	Accts. Payable	Loans Payable	Deposits	Share Capital		Reserves (Gross)
1968											
1st Quarter	113.3	96.5	118.4	113.7	115.9	144.0	115.2	151.9	103.1	114.3	1,534
2nd Quarter	114.4	74.2	114.8	117.0	109.6	187.1	159.6	150.6	101.4	112.5	1,520
3rd Quarter	117.1	77.0	114.6	119.9	118.4	206.0	156.6	158.5	101.0	115.5	1,524
4th Quarter	120.8	97.3	124.3	121.4	129.7	158.1	142.2	178.2	101.1	114.5	1,523
1969											
1st Quarter	122.1	90.3	132.0	122.6	124.1	145.5	126.7	171.0	108.6	126.2	1,551
2nd Quarter	125.7	77.0	124.7	128.7	128.6	166.7	159.4	181.5	107.7	126.5	1,521
3rd Quarter	128.0	80.7	125.1	131.1	138.9	122.2	162.0	198.3	103.9	127.5	1,503
4th Quarter	131.1	97.2	124.9	133.7	138.6	254.4	151.8	201.3	106.7	130.0	1,493
1970											
1st Quarter	131.8	115.8	141.3	131.2	134.4	236.3	111.8	195.0	116.3	144.2	1,516
2nd Quarter	137.1	111.3	141.3	137.5	152.5	271.6	132.4	208.1	117.3	142.8	1,494
3rd Quarter	140.1	113.7	152.3	139.4	160.1	281.3	136.9	224.8	114.1	140.3	1,479
4th Quarter	146.2	141.8	162.9	143.3	157.4	323.6	112.8	233.8	120.4	145.3	1,474
1971											
1st Quarter	151.1	152.8	199.3	144.4	160.0	290.4	79.0	253.2	128.4	156.0	1,465
2nd Quarter	160.3	150.4	208.9	154.3	174.5	339.5	98.5	282.2	130.4	154.4	1,433
3rd Quarter	169.2	161.1	216.1	163.1	176.8	384.3	109.2	300.4	134.5	153.6	1,424
4th Quarter	177.9	191.8	242.5	168.0	180.9	531.0	96.3	341.2	135.1	154.1	1,418
1972											
1st Quarter	187.1	204.5	304.0	170.8	188.2	479.9	71.1	374.2	145.1	171.2	1,405
2nd Quarter	202.0	185.4	303.4	189.8	192.5	623.0	122.8	413.4	149.6	174.5	1,390
3rd Quarter	211.5	187.9	279.9	203.9	204.9	595.6	191.6	439.7	148.9	172.8	1,383
4th Quarter	224.2	199.9	293.7	216.3	218.4	796.8	232.9	470.5	154.8	167.7	1,369
1973											
1st Quarter	236.4	233.8	305.8	226.7	243.6	784.8	234.0	502.4	168.6	175.9	1,359
2nd Quarter	250.2	197.9	311.0	241.1	248.5	904.7	308.0	531.7	172.7	173.6	1,340
3rd Quarter	262.5	190.7	318.5	259.1	264.1	1 052.3	442.9	546.8	174.2	173.0	1,325
4th Quarter	269.6	230.3	318.7	264.1	296.5	1 165.5	371.3	605.1	170.9	170.2	1,318

Table 14.17 (cont'd)

Credit Union Index of Selected Asset and Liability Classifications, Ontario, Quarterly, 1968-1978

(1st Quarter of 1967 = 100.0)

	Assets				Liabilities and Members' Equity						Total Active Credit Unions ¹
	Total Assets (Gross)	Cash	Investments	Loans Receivable (Gross)	Fixed Assets (Net)	Accts. Payable	Loans Payable	Deposits	Share Capital	Reserves (Gross)	
1974											
1st Quarter	283.5	284.2	332.4	275.0	331.5	1 072.5	309.9	667.1	184.2	170.7	1,306
2nd Quarter	295.0	284.1	328.1	288.9	327.6	1 157.8	254.9	710.4	187.7	171.3	1,302
3rd Quarter	299.9	252.7	330.0	296.0	373.2	1 234.9	227.0	739.6	183.5	168.2	1,294
4th Quarter	306.6	296.0	355.9	298.2	366.7	1 084.8	173.2	789.2	182.7	167.7	1,286
1975											
1st Quarter	322.8	435.5	406.9	301.2	397.8	1,179.9	139.5	875.4	190.7	171.4	1,273
2nd Quarter	343.9	418.2	492.0	316.1	393.4	1 182.0	135.5	935.7	201.2	174.8	1,260
3rd Quarter	359.8	379.8	490.2	337.4	408.5	1 396.1	162.5	979.6	205.5	173.6	1,258
4th Quarter	374.8	336.0	480.1	358.6	437.1	1 382.2	259.2	1,014.2	210.0	169.9	1,251
1976											
1st Quarter	387.2	341.5	529.4	365.9	462.1	1 516.5	234.4	1,055.6	223.5	175.6	1,230
2nd Quarter	415.3	395.8	540.3	394.9	459.6	1 607.1	241.2	1,151.2	232.2	174.8	1,208
3rd Quarter	434.6	379.5	542.8	418.2	477.2	1 983.1	286.3	1 210.9	234.0	175.9	1,201
4th Quarter	454.0	428.5	579.9	433.1	504.3	1 827.6	274.6	1 292.6	239.2	175.1	1,196
1977											
1st Quarter	478.9	518.3	648.2	447.6	535.4	1,942.5	187.5	1,411.7	253.8	184.8	1,187
2nd Quarter	516.7	654.1	718.9	474.8	575.3	2,228.1	182.4	1,581.1	258.9	184.8	1,169
3rd Quarter	550.2	649.4	772.0	507.1	612.9	2,702.2	204.5	1,669.8	270.5	185.0	1,166
4th Quarter	577.2	732.9	858.3	522.9	647.7	2,012.3	191.3	1,802.5	275.8	192.1	1,151
1978											
1st Quarter	615.0	793.5	972.7	547.5	669.4	2,287.9	147.9	1,977.6	293.6	191.5	1,148
2nd Quarter	658.2	785.3	981.9	598.6	691.8	2,469.6	212.8	2,122.1	305.9	195.5	1,148
3rd Quarter	685.4	678.4	979.4	637.2	708.0	3,094.2	358.5	2,191.0	308.4	197.6	1,139
4th Quarter	..	..	..	..	..	..	..	..	..	..	..

¹⁾ Excludes, in each year up to and including 1970, a number of active credit unions which received a charter during that year and the previous years. The number of new charters issued by year, is as follows: 1967(37), 1968(26), 1969(16), 1970(11), 1971(9), 1972(13), 1973(3), 1974(12), 1975(11), 1976(10), 1977(4), 1978(15).

Source: Ministry of Treasury and Economics, *Central Statistical Services, Credit Union Quarterly Statistical Bulletin*.

Table 14.18

Credit Unions by Number of Shareholders and Assets, Canada and Ontario, Quarterly, 1969–1978

	Number of Shareholders		Total Assets (Gross)	
	Canada	Ontario	Canada	Ontario
	'000's		\$ Million	
1969				
1st Quarter	..	..	3,737	727
2nd Quarter	..	..	3,876	748
3rd Quarter	..	..	4,003	762
4th Quarter	4,969	925	4,103	781
1970				
1st Quarter	..	949	4,155	785
2nd Quarter	..	993	4,315	816
3rd Quarter	..	1,009	4,403	834
4th Quarter	5,203	1,025	4,570	870
1971				
1st Quarter	..	1,035	4,762	900
2nd Quarter	..	1,041	5,027	954
3rd Quarter	..	1,059	5,304	1,007
4th Quarter	5,454	1,071	5,532	1,059
1972				
1st Quarter	..	1,084	5,912	1,114
2nd Quarter	..	1,111	6,295	1,203
3rd Quarter	..	1,112	6,702	1,259
4th Quarter	5,844	1,154	7,040	1,335
1973				
1st Quarter	..	1,176	7,498	1,408
2nd Quarter	..	1,190	8,017	1,490
3rd Quarter	..	1,196	8,458	1,563
4th Quarter	6,382	1,230	8,814	1,605
1974				
1st Quarter	..	1,260	9,270	1,688
2nd Quarter	..	1,287	9,802	1,757
3rd Quarter	..	1,320	10,119	1,786
4th Quarter	6,806	1,341	10,315	1,826
1975				
1st Quarter	..	1,352	11,076	1,922
2nd Quarter	..	1,366	11,737	2,048
3rd Quarter	..	1,397	12,356	2,142
4th Quarter	7,345	1,422	12,791	2,232
1976				
1st Quarter	..	1,437	13,403	2,306
2nd Quarter	..	1,463	14,335	2,473
3rd Quarter	..	1,482	14,987	2,588
4th Quarter	7,742	1,505	15,692	2,704
1977				
1st Quarter	..	1,533	16,555	2,852
2nd Quarter	..	1,549	17,935	3,077
3rd Quarter	..	1,589	18,856	3,276
4th Quarter	8,318	1,605	19,586 ¹	3,422
1978				
1st Quarter	..	1,653	19,618	3,662
2nd Quarter	..	1,680	21,914	3,920
3rd Quarter	..	1,697	23,102	4,081
4th Quarter	..	..	..	..

1) Estimated.

Source: SC, Business Finance Division, Financial Institutions Section.
Ministry of Treasury and Economics, Central Statistical Services.

Table 14.19

Consumer Credit: Outstanding Balances of Selected Holders, Canada, 1963–1978

End of Period	Reported Monthly						Reported Quarterly			
	Chartered Bank Ordinary Personal Loans	Sales Finance and Con- sumer Loan Companies	Life Insurance Company Policy Loans	Québec Savings Banks (Unse- cured Personal Loans)	Retail Dealers	Trust and Mortgage Loan Companies	Total	Credit Unions and Caisses Populaires	Retail ^r Dealers	Total ^r
	\$ Million									
1963	1,432	1,684	385	14	638	..	4,153	614	584	5,351
1964	1,793	1,939	398	15	688	..	4,833	705	718	6,254
1965	2,241	2,174	411	16	742	..	5,584	813	759	7,152
1966	2,458	2,347	450	16	772	..	6,043	937	799	7,778
1967	2,980	2,408	486	17	777	..	6,668	1,094	834	8,595
1968	3,673	2,638	553	21	801	..	7,686	1,247	902	9,834
1969	4,157	3,046	660	24	857	..	8,744	1,401	966	11,110
1970	4,663	2,851	759	22	868	..	9,163	1,493	1,024	11,680
1971	5,777	2,367	784	25	914	..	9,866	1,690	1,086	12,643
1972	7,144	2,646	813	30	992	46	11,671 ^r	2,000	1,185	14,856
1973	8,878	2,913	884	36	1,144	82	13,936 ^r	2,420	1,288	17,644
1974	10,817	2,966	1,066	44	1,314	145	16,352 ^r	2,762	1,411	20,525
1975	13,175	2,912	1,149	58	1,424	199	18,918 ^r	3,243	1,627	23,787
1976	16,177	2,869	1,232	72	1,505	287 ^r	22,142 ^r	3,884	1,712	27,738 ^r
1977	18,731	2,754 ^r	1,282	87	1,567	368	24,789 ^r	4,512 ^r	1,862 ^r	31,163 ^r
1978	21,621	2,847	1,346	104	1,729	639	28,288	5,469	2,007	35,762

Source: Bank of Canada, *Bank of Canada Review*.

Table 14.20
 Toronto Stock Exchange – TSE 300 Composite Index^{1,2}, 1956–1978

	High	Low	Close
1956	617.67	524.63	564.97
1957	606.14	432.11	432.11
1958	547.72	444.10	547.72
1959	598.96	538.37	555.09
1960	544.74	494.06	544.74
1961	700.85	575.60	700.85
1962	686.81	571.84	628.99
1963	702.71	638.45	702.71
1964	853.53	715.36	853.53
1965	911.26	838.42	881.14
1966	917.75	761.11	789.51
1967	922.50	843.44	899.20
1968	1062.88	814.79	1062.88
1969	1131.04	950.75	1019.77
1970	1006.40	810.78	947.54
1971	1036.09	879.80 ^r	990.54
1972	1226.58	1004.60	1226.58
1973	1329.26	1122.34	1187.78
1974	1276.81	821.10	835.42
1975	1081.96	862.74	953.54
1976	1106.17	920.15	1011.52
1977	1,068.53	957.58	1,059.59
1978	1,336.34	996.88	1,309.99

1) Base year, 1975 = 1000.
 2) This table presents the new index system introduced by the Toronto Stock Exchange, January 3, 1977.

Source: Toronto Stock Exchange, Index Department.

Table 14.21
 Number of Active Corporations, Ontario, 1956 to 1978-79

Year	Number	Per Cent Change	Year	Number	Per Cent Change
	'000's			000's	
1956	38	...	1970	113	7.6
1957	43	13.2	1971	119	5.3
1958	47	9.3	1971-72 ¹	124.0	...
1959	53	12.8	1972-73 ¹	133.7	7.8
1960	59	11.3	1973-74 ¹	145.5	8.8
1961	63	6.8	1974-75 ¹	160.6	10.4
1962	67	6.3	1975-76 ¹	173.9	8.3
1963	72	7.5	1976-77 ¹	196.4	12.9
1964	76	5.6	1977-78 ¹	218.9	11.5
1965	81	6.6	1978-79 ¹	243.5	11.2
1966	87	7.4			
1967	93	6.9			
1968	98	5.4			
1969	105	7.1			

1) Fiscal year ending March 31.
 Source: Ministry of Consumer and Commercial Relations.

Table 14.22
New Corporations¹, Ontario, 1951 to 1978-79

	Corporations Incorporated Outside Ontario							
	Corporations Incorporated In Ontario		Corporations Holding Licence In Mortmain		Corporations with an Extra-Provincial Licence		Total	
	Number	Per Cent Change	Number	Per Cent Change	Number	Per Cent Change	Number	Per Cent Change
1951	1,779	...	146	...	62	...	1,987	...
1952	1,772	-0.4	164	12.3	69	11.3	2,005	0.9
1953	2,113	19.2	149	-9.1	99	43.5	2,361	17.8
1954	3,613	71.0	181	21.5	86	-13.1	3,880	64.3
1955	3,811	5.5	249	37.6	110	27.9	4,170	7.5
1956	4,788	25.6	222	-10.8	149	35.5	5,159	23.7
1957	5,219	9.0	232	4.5	128	-14.1	5,579	8.1
1958	4,368	-16.3	203	-12.5	137	7.0	4,708	-15.6
1959	5,916	35.4	175	-13.8	150	9.5	6,241	32.6
1960	6,417	8.5	238	36.0	160	6.7	6,815	9.2
1961	5,736	-10.6	198	-16.8	166	3.8	6,100	-10.5
1962	6,019	4.9	206	4.0	141	-15.1	6,366	4.4
1963	5,903	-1.9	199	-3.4	171	21.3	6,273	-1.5
1964	6,229	5.5	204	2.5	172	0.6	6,605	5.3
1965	7,276	16.8	223	9.3	177	2.9	7,676	16.2
1966	7,309	0.5	244	9.4	193	9.0	7,746	0.9
1967	7,425	1.6	217	-11.1	173	-10.4	7,815	0.9
1968	7,699	3.7	202	-6.9	185	6.9	8,086	3.5
1969	9,593	24.6	249	23.3	212	14.6	10,054	24.3
1970	8,091	-15.7	290	16.5	273	28.8	8,654	-13.9
1971	9,152	13.1	212	-26.9	266	-2.6	9,630	11.3
1971-72 ²	11,030	...	231	...	263	...	11,524	...
1972-73 ²	12,489	13.2	222	-3.9	285	8.4	12,996	12.8
1973-74 ²	15,634	25.2	280	26.1	268	-6.0	16,182	24.5
1974-75 ²	16,657	6.5	250	-10.7	239	-10.8	17,146	6.0
1975-76 ²	18,703	12.3	208	-16.8	259	8.4	19,170	11.8
1976-77 ^{2r}	20,851	10.3	236	13.5	191	26.3	21,278	11.0
1977-78 ²	22,235	6.6	319	35.2	204	6.8	22,758	7.0
1978-79 ²	28,408	27.8	150	-53.0	200	-2.0	28,758	26.4

1) Figures for corporations which are not required to hold a licence in Ontario are not included.
2) Fiscal year ending March 31.

Source: Ministry of Consumer and Commercial Relations.

Table 14.23

Business Bankruptcies¹ by Industry and Region², Canada 1975–1978

	Canada			Ontario			Atlantic			Quebec			Prairies			Pacific		
	Number	Liabilities		Number	Liabilities		Number	Liabilities		Number	Liabilities		Number	Liabilities		Number	Liabilities	
1975		\$'000'			\$'000'			\$'000'			\$'000'			\$'000'			\$'000'	
Total	2,958	453,239		1,270	199,115		54	8,511		1,144	156,189		252	46,952		238	42,472	
1976																		
Total	3,136	337,909		1,339	120,617		66	15,369		1,189	132,837		272	33,449		270	35,637	
1977																		
Primary Industries	96	13,091		53	7,632		-	-		19	1,682		14	2,322		10	1,455	
Manufacturing Industries	279	30,151		126	13,233		11	1,041		93	9,623		24	2,110		25	4,144	
Construction Industries	598	56,964		291	30,028		5	1,300		133	11,456		65	3,422		104	10,758	
Transportation, Communications and Other Utilities	166	8,633		115	5,691		-	-		15	1,447		29	1,343		7	152	
Trade	1,624	119,328		685	44,200		19	3,643		685	55,707		117	8,285		118	7,493	
Finance, Insurance and Real Estate	77	19,475		30	2,210		1	180		23	11,094		8	1,139		15	4,852	
Services	1,065	60,022		460	32,505		18	1,400		452	16,996		63	3,918		72	5,203	
Total	3,905	307,664		1,760	135,499		54	7,564		1,420	108,005		320	22,539		351	34,057	
1978																		
Primary Industries	145	15,375		71	7,313		7	182		27	3,467		22	1,951		18	2,463	
Manufacturing Industries	392	64,051		165	20,283		11	1,320		145	35,150		34	3,745		37	3,553	
Construction Industries	981	131,892		387	44,101		19	3,059		230	31,181		115	29,630		230	23,921	
Transportation, Communications and Other Utilities	284	14,349		142	6,220		24	395		50	3,371		40	2,505		28	1,859	
Trade	1,871	164,492		706	52,905		58	11,385		779	63,549		135	21,680		193	14,974	
Finance Insurance and Real Estate	133	26,598		34	7,850		4	246		27	2,488		9	1,116		59	14,898	
Services	1,705	188,571		619	50,870		52	5,769		789	109,857		126	13,577		119	8,498	
Total	5,511	605,327		2,124	189,541		175	22,356		2,047	249,063		481	74,203		684	70,164	

¹ Excludes Small Debtor Program Bankruptcies.² Atlantic comprises Newfoundland, P.E.I., Nova Scotia and New Brunswick, Prairies comprise Manitoba, Saskatchewan, Alberta and N.W.T., Pacific comprises British Columbia and Yukon.

Source: Bureau of Corporate Affairs Bulletin and Bankruptcy Branch, Consumer and Corporate Affairs, Canada.

Trade

Highlights

- **Foreign Trade** — Of the \$28.4 billion of imports entering Ontario in 1978, \$20.2 billion, or 70.9 per cent, consisted of inedible end products. Of Canada's \$52.6 billion worth of exports (including re-exports) in the same year, \$23.3 billion, or 44.3 per cent, originated in Ontario.

Of Ontario's 1978 exports \$15.4 billion, or 65.9 per cent, consisted of inedible end products and 25.6 per cent was fabricated materials. For the 1978 Canada total, inedible end products accounted for 36.7 per cent while fabricated materials accounted for 36.2 per cent.

From 1977 to 1978, domestic exports for Canada increased by 8.4 billion, or 19.1 per cent, to \$52.6 billion. Of the 1978 Canadian export total, 69.5 per cent went to the United States. Canadian imports rose by 18.1 per cent from 1977 to 1978 to reach a total of \$49.7 billion; of this total, 70.4 per cent came from the United States.

Canada's merchandise balance, after adjustment for balance of payments purposes, amounted to + \$2.9 billion in 1977, the comparable total for 1976 being + \$1.1 billion. Canada's total current account balance stood at -\$4.2 billion in 1977.

- **Domestic Trade** — Ontario's retail trade sales in 1978 increased by 10.7 per cent over the previous year to reach a total of \$25.1 billion. This figure represents 36.5 per cent of the Canadian total of \$68.9 billion, Québec's sales representing 25.0 per cent, and British Columbia's sales 12.3 per cent. Of Ontario's total in 1978, grocery and combination stores accounted for 24.4 per cent, motor vehicle dealers for 18.3 per cent, service stations and garages for 8.6 per cent and department stores for 11.3 per cent.

Definitions

Retail Trade — Defined as the aggregate sales made through retail outlets which are business locations engaged primarily in selling merchandise for household or personal consumption. The retail trade estimates do not include any form of direct selling which by-passes the retail outlet.

Combination Stores — Grocery and combination stores selling 20 per cent or more fresh meat.

Motor Vehicle Dealers — Consist of dealers selling new and used cars or only new cars, but not dealers selling used cars only.

Department Stores — Must sell at least 6 commodity lines in the family clothing and apparel group with at least one line being men's and boys' clothing or furnishings and with at least 20 per cent of sales from this group, at least 4 commodity lines in the furniture, appliances and home furnishings group with at least one of these lines being furniture and with a minimum of 10 per cent of sales from this group, and at least 3 different commodity lines from all other groups with at least 10 per cent of sales derived therefrom. No one of these lines may account for more than 50 per cent of total store sales.

Domestic Exports — Include both goods which are wholly produced in Canada and goods previously included in import statistics which have since been changed in form by further processing and then exported.

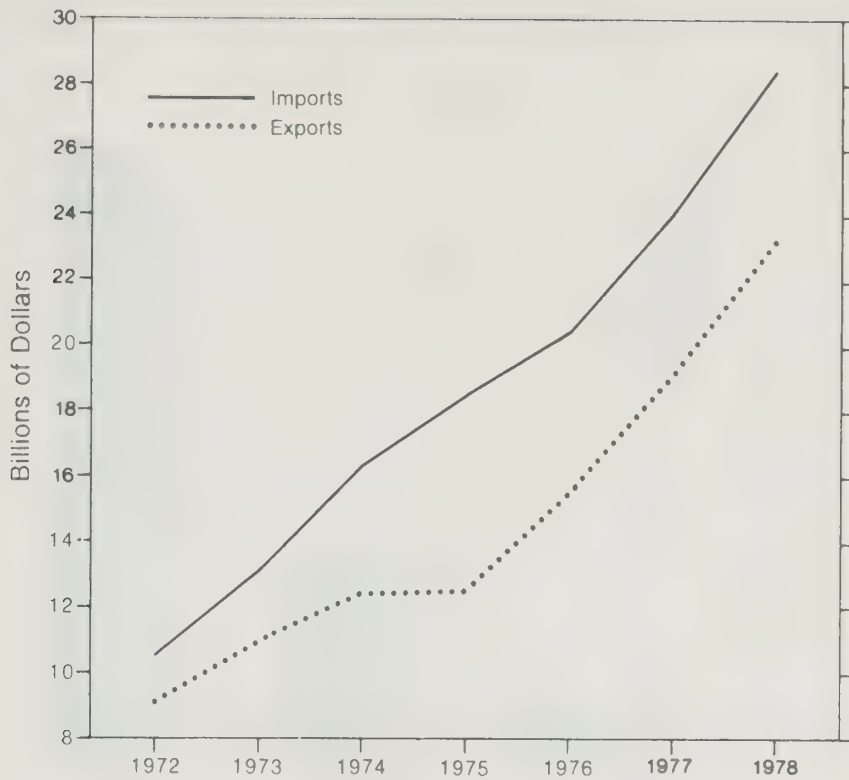
Re-Exports — Include only goods previously included in import statistics which are exported from Canada in the same form as when imported. Minor operations such as sorting or blending are not considered as changing the condition of imported goods.

Special Transactions — Include gold and gold products where the value of the gold content is 80 per cent or more of the total value, including coins, settlers' effects, private donations and gifts, identifiable tourist purchases, goods shipped to Canadian diplomatic or military personnel abroad or by foreign representatives in Canada, temporary exports for exhibition or competition including films for processing. Bunker supplies and ships' stores sold to foreign vessels or aircraft in Canada, temporary exports and goods merely moving in transit through Canadian territory are not reflected in any of the statistics.

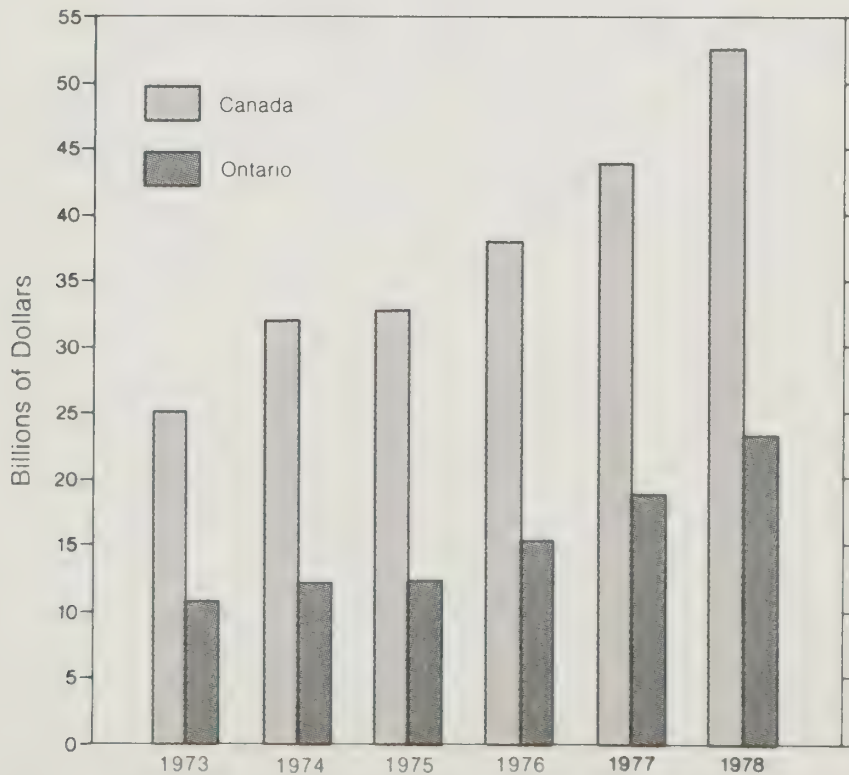
Current Account – Consists of imports and exports of goods and services (that is, merchandise trade and service transactions) and transfers such as inheritances, personal and institutional remittances and withholding tax.

Graph 15.A

Exports and Imports, Ontario, 1972-1978

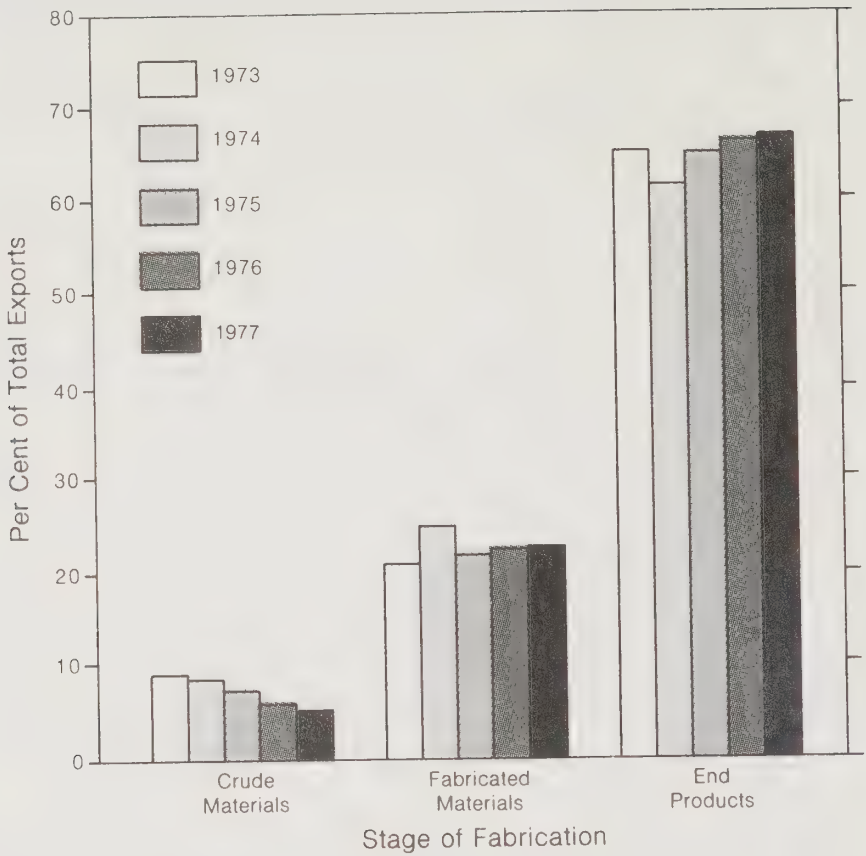


Refer to Tables 15.1 and 15.2

Graph 15.BExports¹, Canada and Ontario, 1973-1978¹Includes re-exports

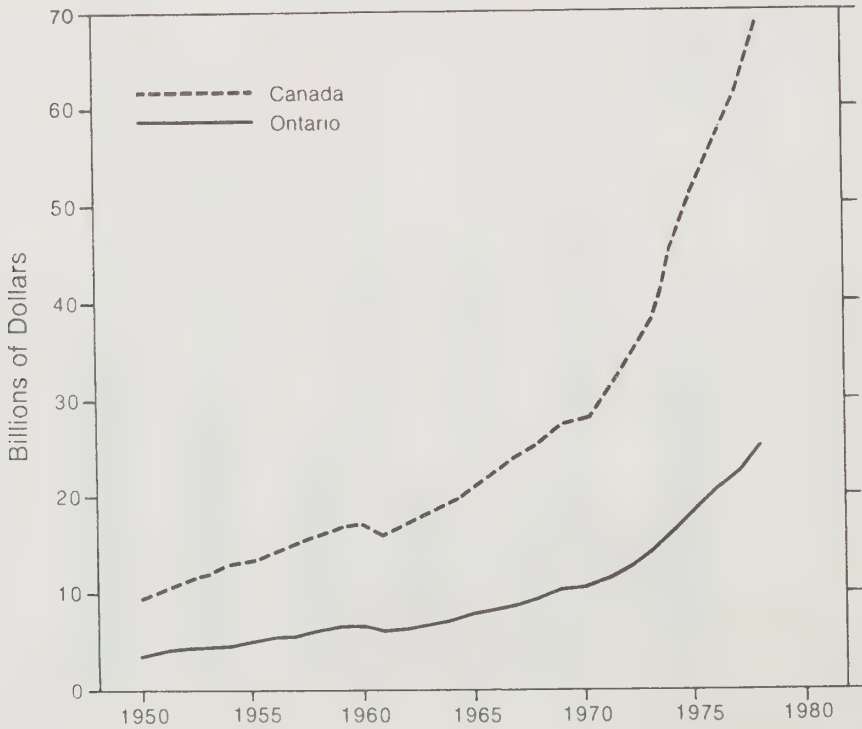
Refer to Table 15.4

Graph 15.C
Composition of Exports¹, Ontario, 1972-1977



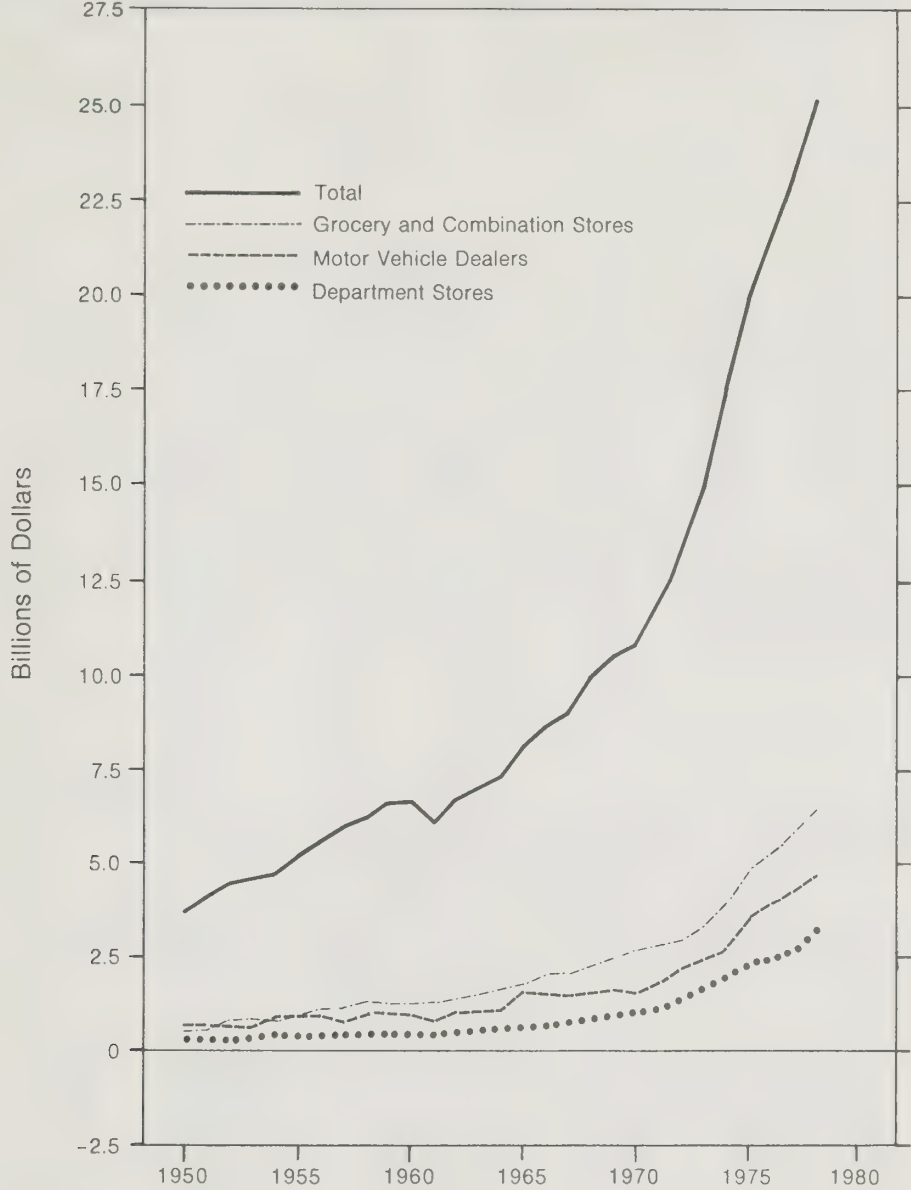
¹Includes re-exports
Source: Ministry of Industry and Tourism, *Ontario Exports by Countries and Commodities*

Graph 15.D
Retail Trade Annual Sales, Canada and Ontario, 1950-1978



Refer to Table 15.7

Graph 15.E
Value of Retail Trade by Kind of Business, Ontario, 1950-1978



Refer to Table 15.6.

Table 15.1

Imports by Commodity Section and Place of Clearance, Canada and Ontario, 1975–1978

	Canada ¹				Ontario			
	1975	1976	1977	1978	1975	1976	1977	1978
	\$'000's							
Live Animals	75,257	108,609	52,157	80,412	37,694	77,642	29,860	50,980
Food, Feed, Beverages and Tobacco	2,606,670	2,763,280	3,255,431	3,698,936	920,947	1,011,916	1,283,150	1,351,014
Crude Materials, Inedible	5,087,075	5,087,297	5,287,274	5,885,869	1,067,441	1,051,996	1,496,250	1,868,244
Fabricated Materials, Inedible	5,944,253	6,220,100	7,010,132	8,773,252	3,001,648	3,260,716	3,654,402	4,786,823
End Products, Inedible	20,547,547	22,748,101	26,042,096	30,856,247	13,202,881	14,689,739	17,404,458	20,156,187
Special Transactions, Trade	324,711	505,180	421,092	388,852	184,839	252,395	216,132	199,683
Total Imports	34,635,513	37,432,567	42,068,182	49,683,568	18,415,449	20,344,404	24,084,252	28,412,931

1) Excludes the Northwest Territories.

Source: SC, *Ontario Imports by Commodities*.**Table 15.2**Exports¹ to Principal Trading Areas, Canada and Ontario, 1972–1978

	All Countries	United States	United Kingdom	Japan	EEC ²	All Other Countries
	\$ Million					
Canada						
1972	19,977.2	13,921.6	1,328.1	961.9	1,125.4	2,640.2
1973	25,207.6	17,061.9	1,588.7	1,800.2	1,525.4	3,231.4
1974	32,052.1	21,262.7	1,894.7	2,223.9	2,130.1	4,540.7
1975	32,857.4	21,545.3	1,783.8	2,119.8	2,306.3	5,102.2
1976	38,076.9	25,344.8	1,801.5	2,385.9	2,600.0	5,944.7
1977	44,197.4	30,557.7	1,883.1	2,508.3	2,685.0	6,563.0
1978	52,641.7	36,564.9	1,961.8	3,055.3	2,844.9	8,214.8
Ontario						
1972	9,059.9	7,420.1	518.0	70.5	217.8	833.5
1973	10,929.7	8,876.7	581.8	118.1	362.5	990.6
1974	12,387.2	9,774.4	696.2	120.2	424.3	1,372.1
1975	12,472.3	9,724.9	668.4	122.9	408.0	1,548.1
1976	15,660.2	12,289.0	588.3	136.4	494.4	2,152.1
1977	19,099.4	15,537.3	646.7	106.1	497.0	2,312.3
1978	23,342.7	18,965.3	604.6	135.8	649.7	2,987.3

1) Includes re-exports.

2) European Economic Community excluding United Kingdom, Ireland and Denmark 1972–1975. Ireland and Denmark are included for 1976, 1977 and 1978.

Source: SC, *Ontario Exports by Countries*.

Table 15.3
Merchandise Trade with Selected Countries, Canada, 1961 – 1978

	All Countries	United States		United Kingdom		Other Commonwealth Countries (excl. U.K.) ¹		All Other Countries	
	\$ Million	\$ Million	% of Total	\$ Million	% of Total	\$ Million	% of Total	\$ Million	% of Total
Domestic Exports									
1961	5,755.0	3,107.2	54.0	909.3	15.8	328.9	5.7	1,409.6	24.5
1962	6,178.5	3,608.4	58.4	909.0	14.7	331.0	5.4	1,330.0	21.5
1963	6,798.5	3,766.4	55.4	1,006.8	14.8	391.5	5.8	1,633.8	24.0
1964	8,094.2	4,271.1	52.8	1,199.8	14.8	493.9	6.1	2,129.7	26.3
1965	8,525.1	4,840.5	56.8	1,174.3	13.8	502.3	5.9	2,008.0	23.5
1966	10,070.6	6,027.7	59.9	1,122.6	11.1	547.4	5.4	2,373.1	23.6
1967	11,121.0	7,088.5	63.8	1,169.1	10.5	638.2	5.7	2,225.2	20.0
1968	13,270.0	8,942.5	67.7	1,209.6	9.1	593.2	4.5	2,524.7	19.1
1969	14,462.0	10,238.0	70.8	1,091.0	7.5	588.9	4.1	2,544.1	17.6
1970	16,401.0	10,580.0	64.5	1,465.0	8.9	762.0	4.6	3,594.0	21.9
1971	17,396.6	11,683.1	67.2	1,379.8	7.9	600.9	3.5	3,732.8	21.5
1972	19,660.7	13,575.0	69.0	1,369.6	7.0	570.5	2.9	4,144.6	21.1
1973	24,719.2	16,611.9	67.2	1,571.8	6.4	783.9	3.1	5,759.0	23.3
1974	31,674.5	20,762.5	65.6	1,911.9	6.0	962.1	3.0	8,038.0	25.4
1975	32,325.0	21,029.6	65.1	1,766.5	5.5	1,201.0	3.7	8,327.9	25.8
1976	37,258.8	25,138.6	67.5	1,831.8	4.9	..	..	10,288.4	27.6
1977	44,197.4	30,557.7	69.1	1,883.1	4.3	..	..	11,756.6	26.6
1978	52,641.7	36,564.9	69.5	1,961.8	3.7	..	..	14,115.0	26.8
Imports									
1961	5,768.6	3,864.0	66.9	618.2	10.7	292.2	5.1	994.2	17.3
1962	6,257.8	4,299.5	68.7	563.1	9.0	315.2	5.0	1,080.0	17.3
1963	6,578.4	4,458.0	67.8	525.9	8.0	407.3	6.2	1,187.2	18.0
1964	7,487.7	5,164.3	69.0	574.0	7.7	405.8	5.4	1,343.6	17.9
1965	8,633.1	6,044.8	70.0	619.1	7.2	372.8	4.3	1,596.5	18.5
1966	10,071.9	7,204.4	71.5	672.6	6.7	431.9	4.3	1,763.0	17.5
1967	10,872.2	7,951.3	73.1	650.1	6.0	419.0	3.9	1,851.8	17.0
1968	12,358.0	9,048.4	73.2	696.1	5.6	453.0	3.7	2,160.5	17.5
1969	14,130.4	10,243.2	72.5	791.1	5.6	571.9	4.0	2,523.6	17.8
1970	13,951.9	9,917.2	71.1	738.2	5.3	621.0	4.5	2,675.0	19.2
1971	15,618.1	10,950.6	70.1	837.3	5.4	547.2	3.5	3,283.0	21.0
1972	18,669.4	12,878.2	69.0	949.5	5.1	665.6	3.6	4,176.1	22.4
1973	23,302.6	16,483.6	70.7	1,005.4	4.3	803.4	3.5	5,010.2	21.5
1974	31,692.1	21,356.7	67.4	1,126.3	3.6	1,039.6	3.3	8,169.5	25.8
1975	34,635.5	23,559.3	68.0	1,222.0	3.5	1,013.1	2.9	8,841.1	25.5
1976	37,432.6	25,695.5	68.6	1,153.3	3.1	..	..	10,583.8	28.3
1977	42,068.2	29,552.0	70.2	1,281.2	3.1	..	..	11,235.0	26.7
1978	49,683.6	34,988.7	70.4	1,597.7	3.2	..	..	13,097.2	26.4

1) Preferential Countries included in data prior to 1970.
Source: SC, *Trade of Canada – Summary of Foreign Trade.*
Summary of Exports.
Summary of Imports.
Exports by Commodities.
Imports by Commodities.

Table 15.4
Exports¹ by Commodity Section, Canada and Ontario, 1966–1978

	Live Animals	Food, Feed Beverages and Tobacco	Crude Materials	Fabricated Materials	End Products, Inedible	Special Trans- actions Trade	Total
	\$'000's						
Canada							
1966	78,124	1,898,384	1,956,832	4,062,275	2,300,804	28,902	10,325,320
1967	43,176	1,613,674	2,115,962	4,285,836	3,323,651	28,789	11,411,088
1968	59,614	1,565,364	2,478,370	4,915,457	4,511,787	43,751	13,574,343
1969	54,639	1,431,280	2,473,726	5,240,488	5,630,330	38,740	14,869,203
1970	68,602	1,832,158	3,073,635	5,945,879	5,931,513	34,629	16,886,416
1971	67,760	2,053,978	3,200,420	5,903,650	6,589,220	31,897	17,846,925
1972	85,729	2,266,718	3,551,318	6,651,066	7,374,072	48,295	19,977,198
1973	145,121	3,040,914	5,027,059	8,334,182	8,610,362	49,947	25,207,585
1974	90,918	3,773,757	7,783,355	10,815,719	9,502,708	85,663	32,052,121
1975	86,757	4,026,760	7,965,403	9,994,338	10,702,707	81,436	32,857,401
1976	134,624	4,145,951	8,302,199	12,305,207	13,045,207	142,926	38,076,878
1977	151,726	4,429,243	8,856,591	15,062,520	15,621,919	75,433	44,197,433
1978	213,769	5,120,256	8,839,407	19,033,043	19,310,608	124,604	52,641,687
Ontario							
1966	21,913	309,591	478,590	1,137,692	1,803,038	11,897	3,762,722
1967	19,927	345,631	528,894	1,187,018	2,560,022	14,200	4,655,692
1968	22,874	327,078	666,930	1,373,089	3,560,313	20,937	5,971,221
1969	26,817	360,092	583,744	1,382,818	4,443,966	17,476	6,814,913
1970	36,052	396,649	740,458	1,666,604	4,673,536	14,001	7,527,300
1971	37,060	378,227	758,859	1,608,570	5,295,706	15,897	8,094,319
1972	38,161	427,833	770,606	1,770,148	6,031,369	21,742	9,059,859
1973	47,869	551,187	968,752	2,271,572	7,066,963	23,341	10,929,684
1974	35,121	630,932	1,070,777	3,059,331	7,564,647	26,413	12,387,221
1975	23,879	645,939	954,149	2,754,909	8,064,916	28,539	12,472,331
1976	42,001	635,197	951,976	3,589,160	10,376,930	64,938	15,660,212
1977	35,298	723,172	1,038,298	4,519,134	12,745,157	38,312	19,099,371
1978	65,344	828,981	1,034,123	5,968,147	15,386,507	59,557	23,342,659

1) Includes re-exports.

Source: SC, *Ontario Exports by Country and Commodity*.

Table 15.5
Balance of Payments: Merchandise Trade Balance and Current Account Balance, Canada, 1950–1977

	Merchandise Exports ¹	Merchandise Imports ¹	Merchandise Balance	Total Current Account Balance
\$ Million				
1950	3,139	3,132	7	–319
1951	3,950	4,101	–151	–512
1952	4,339	3,850	485	187
1953	4,152	4,210	–60	–448
1954	3,934	3,916	18	–424
1955	4,332	4,543	–211	–687
1956	4,837	5,565	–728	–1,372
1957	4,894	5,488	–594	–1,451
1958	4,887	5,066	–176	–1,137
1959	5,151	5,572	–421	–1,487
1960	5,392	5,540	–148	–1,233
1961	5,889	5,716	173	–928
1962	6,387	6,203	184	–830
1963	7,082	6,579	503	–521
1964	8,238	7,537	701	–424
1965	8,745	8,627	118	–1,130
1966	10,326	10,102	224	–1,162
1967	11,338	10,772	566	–499
1968	13,720	12,249	1,471	–97
1969	15,035	14,071	964	–917
1970	16,921	13,869	3,052	1,106
1971	17,961	15,534	2,427	306
1972	20,222	18,577	1,645	–655
1973	25,445	22,725	2,720	18
1974	32,591	30,893	1,698	–1,492
1975	33,347	33,986	–639	–4,965
1976	38,019	36,887	1,132	–4,329
1977	44,564	41,656	2,907	–4,238

¹) Adjusted for balance of payments purposes.

Source: SC, *Quarterly Estimates of the Canadian Balance of International Payments*.

Table 15.6
Value of Retail Trade by Kind of Business, Canada and Ontario, 1960–1978

	Total	Grocery & Combina- tion Stores	Motor Vehicle Dealers	Service Stations and Garages	Depart- ment Stores	Shoe & Clothing Stores	Hardware Stores	Furniture, TV, Radio & Appliance Dealers	Fuel Dealers ¹	Other
	\$ Million									
Canada										
1960 ²	17,390	3,580	2,650	1,211	1,495	986	299	620	349	6,200
1961 ³	16,073	3,704	2,599	1,492	1,551	1,008	300	572	347	4,500
1962	17,137	3,914	2,957	1,582	1,629	1,086	301	587	412	4,669
1963	18,207	4,176	3,312	1,624	1,730	1,158	310	601	425	4,871
1964	19,493	4,481	3,612	1,695	1,892	1,254	320	627	421	5,191
1965	21,155	4,825	4,175	1,778	2,010	1,360	332	678	448	5,549
1966 ²	22,686	5,352	4,338	1,874	1,974	1,382	356	740	475	6,195
1967	24,155	5,685	4,433	2,004	2,158	1,513	366	784	461	6,751
1968	25,710	5,986	4,714	2,180	2,445	1,588	392	816	471	7,118
1969	27,401	6,401	4,796	2,318	2,737	1,672	391	868	466	7,752
1970	28,034	6,849	4,197	2,531	2,852	1,732	383	847	473	8,170
1971	30,646	7,260	4,925	2,695	3,184	1,867	409	942	523	8,841
1972 ⁴	34,107	7,721	6,240	2,687	3,714	1,991	433	953	...	10,368
1973	38,335	8,595	7,422	2,978	4,316	2,157	452	1,072	...	11,343
1974	44,751 ^r	10,263	8,303	3,595	5,055	2,420	529	1,362 ^r	...	13,224 ^r
1975	51,408 ^r	12,881	10,184	3,857	5,786	2,740	581	1,530 ^r	...	13,849 ^r
1976	57,167	13,156	11,058	4,596	6,510	3,141	639	1,630 ^r	...	16,437 ^r
1977 ^r	61,651 ^r	14,371 ^r	11,750 ^r	5,072 ^r	6,941 ^r	3,319 ^r	668 ^r	1,670 ^r	...	17,860 ^r
1978 ^p	68,860	16,230	13,486	5,581	7,668	3,664	710	1,812	...	19,709
Ontario										
1960 ²	6,751	1,372	1,012	496	509	397	106	252	179	2,428
1961 ³	6,207	1,399	982	572	527	395	102	237	180	1,813
1962	6,526	1,475	1,118	577	548	428	96	235	214	1,835
1963	6,948	1,577	1,245	595	583	459	100	249	204	1,936
1964	7,366	1,681	1,324	618	643	495	102	250	183	2,070
1965	8,043	1,808	1,552	654	678	541	105	279	188	2,238
1966 ²	8,625	2,017	1,585	702	745	523	112	305	200	2,436
1967	9,091	2,147	1,578	749	815	567	115	312	188	2,620
1968	9,885	2,257	1,732	806	946	622	128	332	185	2,877
1969	10,588	2,431	1,799	870	1,067	654	128	368	176	3,095
1970	10,885	2,621	1,574	970	1,118	685	126	358	174	3,259
1971	11,877	2,781	1,840	1,022	1,250	746	132	393	191	3,522
1972 ⁴	13,058	2,958	2,210	1,063	1,454	777	130	418	...	4,048
1973	14,505	3,301	2,568	1,176	1,650	842	127	468	...	4,373
1974 ⁱ	16,564	3,919	2,743	1,422	1,918	927	142	502	...	4,991
1975	19,156	4,985	3,595	1,469	2,170	1,102	164	590	...	5,081
1976	21,057	5,113	3,721	1,770	2,398	1,198	179	598	...	6,080
1977 ^r	22,711	5,503	4,078	1,974	2,583	1,255	172	591	...	6,555
1978 ^p	25,145	6,136	4,612	2,152	2,831	1,369	185	617	...	7,243

1) Fuel dealers transferred to wholesale trade from 1972 on.
2) 1960 data revised to conform with the 1961 census. Data from 1966 onward revised on the basis of 1966 Census of Merchandising.
3) Data from 1961 onward incorporate several changes due to a revision to the Standard Industrial Classification: restaurants, caterers, cocktail lounges, taverns, dressmakers moved from retail to service; lumber and building material dealers, farm implement dealers, feed and seed stores, farm supply stores, harness shops moved from retail to wholesale; and automotive repair shops, radio and TV repair shops, jewellery repair and engraving, bicycle repair moved from service to retail.
4) From 1972 on, figures have been revised to reflect the implementation of the new retail trade survey.

Source: SC, *Retail Trade*.

Table 15.7

Retail Trade Annual Sales, Canada, Ontario, Québec and British Columbia, 1955–1978

	Canada	Ontario	Québec	British Columbia ¹
	\$ Million			
1955 ²	13,473	5,296	3,109	1,447
1956	14,774	5,734	3,463	1,640
1957	15,423	5,943	3,710	1,683
1958	16,139	6,271	3,854	1,705
1959	17,087	6,615	4,114	1,793
1960	17,390	6,751	4,213	1,755
1961 ³	16,073	6,207	4,108	1,604
1962	17,137	6,526	4,486	1,751
1963	18,207	6,948	4,770	1,880
1964	19,493	7,366	5,120	2,086
1965	21,155	8,043	5,534	2,307
1966 ²	22,686	8,625	5,882	2,507
1967	24,155	9,091	6,379	2,648
1968	25,710	9,885	6,565	2,859
1969	27,401	10,588	6,962	3,165
1970	28,034	10,885	7,074	3,260
1971	30,646	11,877	7,681	3,632
1972	34,107	13,058	8,612	3,987
1973	38,335	14,505	9,697	4,646
1974	44,751 ^r	16,564	11,383 ^r	5,540 ^r
1975	51,408 ^r	19,156	13,021 ^r	6,069 ^r
1976	57,167	21,057	14,448	6,815 ^r
1977 ^r	61,651	22,711	15,558	7,449
1978 ^p	68,860	25,145	17,236	8,457

1) Includes Yukon and Northwest Territories.

2) Data from 1955–60 revised to conform with the 1961 census. Data from 1966 onward revised on the basis of 1966 Census of Merchandising.

3) Data from 1961 onward incorporate several changes due to a revision to the Standard Industrial Classification: restaurants, caterers, cocktail lounges, taverns, dressmakers moved from retail to service; lumber and building material dealers, farm implement dealers, feed and seed stores, farm supply stores, harness shops moved from retail to wholesale; and automotive repair shops, radio and TV repair shops, jewellery repair and engraving, bicycle repair moved from service to retail.

Source: SC, *Retail Trade*.

Table 15.8

Department Store Sales, by Province, Canada, 1973–1978

	1973	1974	1975	1976	1977 ^r	1978 ^p
	\$'000's					
Canada	4,316,178	5,059,277	5,776,759	6,509,644	6,941,039	7,667,954
Ontario	1,649,875	1,909,644	2,165,270	2,397,867	2,582,570	2,831,080
Newfoundland	57,758	71,626	77,773	83,015	87,229	93,674
Prince Edward Island	15,745	23,558	33,031	38,378	42,590	48,157
Nova Scotia	106,641	129,448	145,341	161,408	174,327	194,685
New Brunswick	83,832	96,448	116,934	134,335	144,310	159,030
Québec	797,811	939,943	1,097,530	1,279,428	1,322,558	1,456,416
Manitoba	275,971	313,501	342,062	378,934	395,651	426,091
Saskatchewan	102,419	128,933	158,820	183,819	194,729	214,050
Alberta	512,556	617,191	723,268	840,981	916,705	1,020,228
British Columbia ¹	713,568	828,985	916,730	1,011,480	1,080,370	1,224,540

1) Includes Yukon and Northwest Territories.

Source: SC, *Department Store Sales and Stocks*.

Agriculture

Highlights

- **Farm and Farm Income** – In Ontario the number of census farms has decreased steadily from 1956 to 1976. The 1976 total of 88,801 represents a decrease of 6.3 per cent from 1971. In 1961, 66.4 per cent of improved land was under crops and 27.4 per cent under pasture. By 1976, the percentage of improved land under crops increased to 78.3 per cent, and under pasture decreased to 16.6 per cent.

The 1978 current value of farm lands and buildings in Ontario was \$17.3 million, up \$2.1 million or 13.4 per cent from 1977 and 25.3 per cent from 1976. The current value of implements and machinery was up 12.1 per cent to \$2.4 million in 1978 from 1977. Livestock and poultry were up 34.2 per cent from 1977 to \$1.6 million in 1978.

Feed represented the biggest Ontario farm operating expense in 1978 at \$444.9 million followed by other livestock expenses and interest at \$272.7 million and \$252.9 million respectively.

From 1962 to 1972 Ontario cash receipts from farm products rose by 77.3 per cent to \$1.7 billion; from 1972 to 1978 cash receipts increased 103.8 per cent to \$3.4 billion.

Total net income from farming operations in Ontario rose by 11.7 per cent between 1962 and 1972 to reach \$383.7 million. A notable increase in total net income occurred between 1972 and 1978, increasing by 108.1 per cent to \$798.4 million.

In 1967 total crops made up 30.4 per cent, whereas total livestock products made up 66.3 per cent of total cash receipts. By 1978, total crops and total livestock products accounted for 32.3 and 64.9 per cent respectively, of total cash receipts.

Between 1967 and 1978 tobacco has consistently yielded the highest cash receipts for crops. In 1978 tobacco yielded 23.3 per cent of Ontario's total crop receipts. Similarly, cattle and calves have consistently yielded the highest revenues for livestock products; in 1978 the yield was 41.4 per cent of total livestock products receipts.

- **Farm Production** – Ontario potato production decreased 19.0 per cent from 1977 to 756.7 million pounds in 1978. Processing tomato production increased 2.1 per cent from 1977 to 937.0 million in 1978. The total farm value of potatoes was \$30.6 million in 1978, up 7.7 per cent from 1977.

Marketed production of apples in Ontario in 1978 was 314.6 million pounds representing a 11.6 per cent increase from 1977. The farm value of the apples was \$33.9 million, up 23.6 per cent from 1977. Marketed production of grapes increased 27.2 per cent from 1977 to 1978; the total farm value of grapes increased 37.7 per cent in this period.

Cattle and calves on Ontario farms totalled approximately 3 million for each year between 1962 and 1978. The number of hogs increased 18.3 per cent from 1962 to 1972 and increased 13.6 per cent from 1972 to 1978. Sheep and lambs decreased by 31.1 per cent to 144,000 from 1972 to 1978. The number of hens and chickens decreased by 5.8 per cent to 30.0 million from 1972 to 1976. Turkeys increased by 35.4 per cent to 3.8 million from 1962 to 1972 and increased a further 7.6 per cent to 4.1 million between 1972 and 1976.

From 1971 to 1977 total milk production in Ontario decreased 1.1 per cent to 6.0 billion pounds. In that period, the value of the milk rose 82.8 per cent to \$512.0 million.

In 1978, wheat in Ontario had a yield of 41 bushels per acre and covered 335,000 acres; hay yielded 2.5 tons per acre and covered 2.9 million acres; and grain corn had a yield of 82 bushels per acre and covered 1.7 million acres.

Definitions

Census Farm – Is defined as an agricultural holding of 1 acre or more with sales of agricultural products during the preceding 12 months of \$50 or more. This definition was the same as that used in 1961 and 1966 but differed from 1956 and earlier. This difference in definition had little effect on field crop acreages. As of 1976, Census of Agriculture enumerated small agricultural holdings (selling between \$50 and \$1,200) and census farms (selling \$1,200 +).

Cash Receipts – Receipts from the sale of agricultural products.

Income in Kind – This item represents the value of consumption of homegrown food, wool and woodlot products.

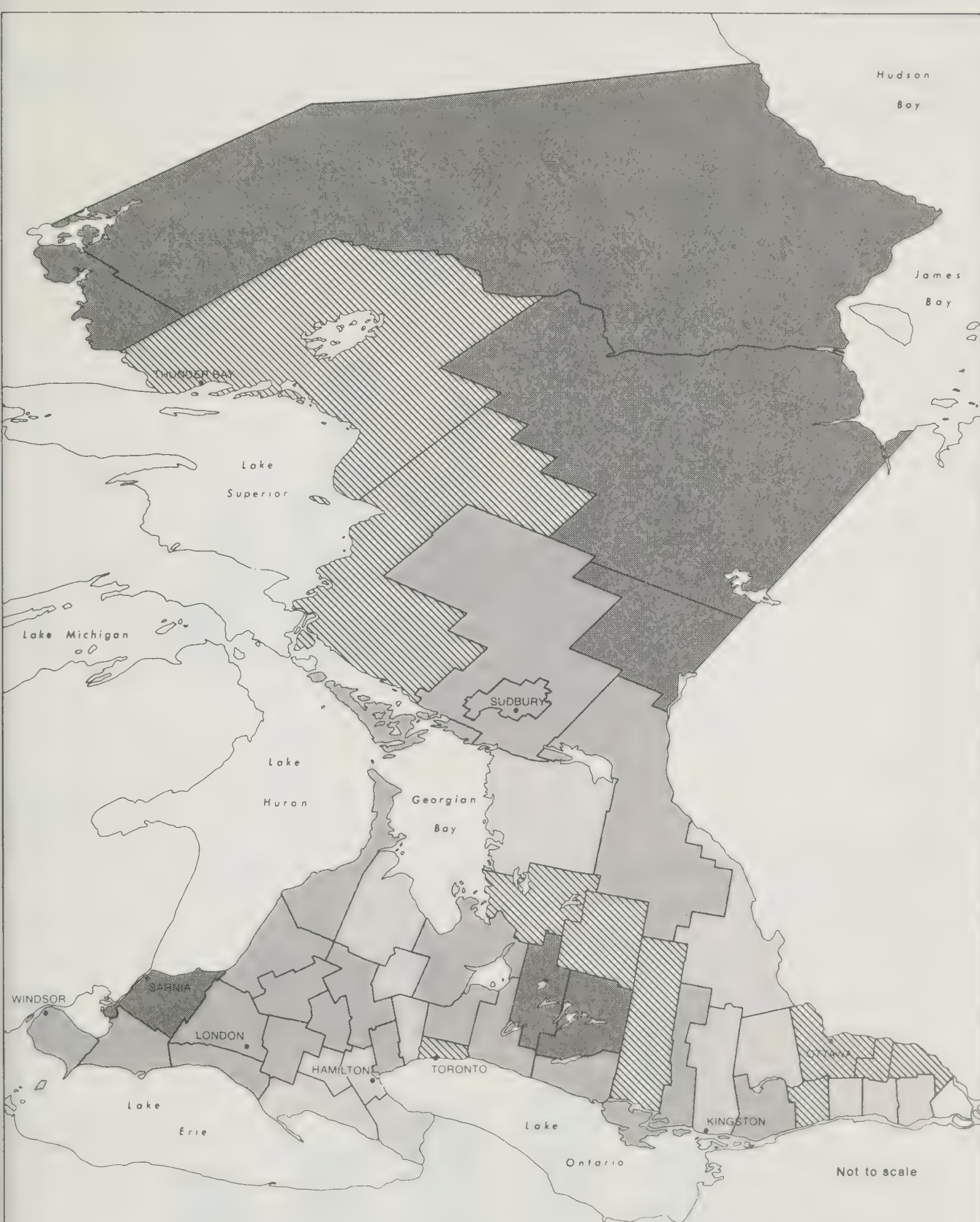
Operating and Depreciation Charges – This estimate includes farm business costs incurred by farmers regardless of whether they are paid for in cash or accumulated as new debt. As far as possible, they exclude outlays for goods and services obtained directly from other farmers. All subsidy payments are taken into account in order that the estimates represent only net amounts paid by farmers.

Depreciation charges are intended to reflect the amount that farmers would have to pay to accommodate the decline in value of farm buildings and machinery due to obsolescence and wear.

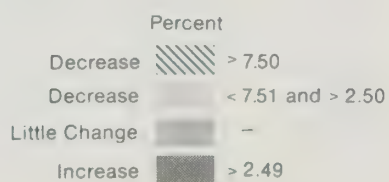
Realized Net Income – Is obtained by adding together farm cash receipts from the sale of agricultural products, supplementary payments, and the value of income in kind, and deducting farm operating expenses and depreciation charges. This estimate of farm net income represents the amount of income from farming that operators have left for family living, personal taxes and investment after provision has been made for operating expenses and depreciation charges.

Value of Inventory Change – The value of inventory change is obtained by calculating the change in the quantity of field crops and the number of livestock on farms between the beginning and end of the year and valuing the difference at average annual prices.

Total Net Income – Is obtained by adjusting realized net income to take into account changes occurring in inventories of livestock and stocks of field crops on farms between the beginning and end of the year. This latter estimate of income is used in calculating the contribution of agriculture to National Income and for making comparisons with net income of non-farm business enterprises.



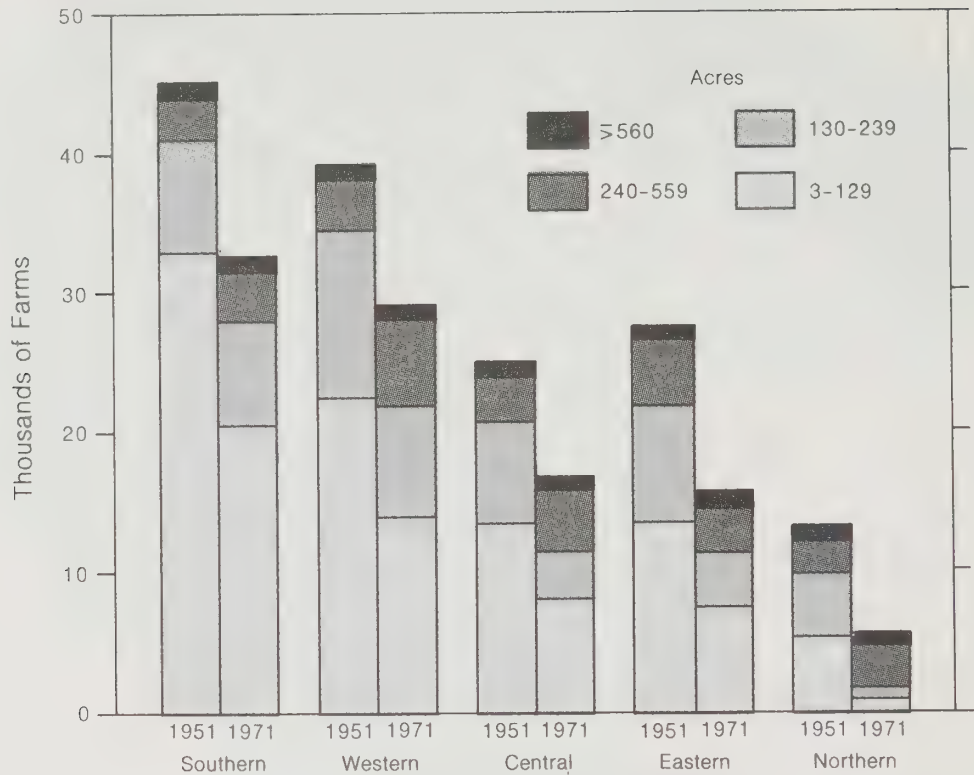
Map 16.A Change in Improved Farmland¹, 1971-1976



Area farmed by county

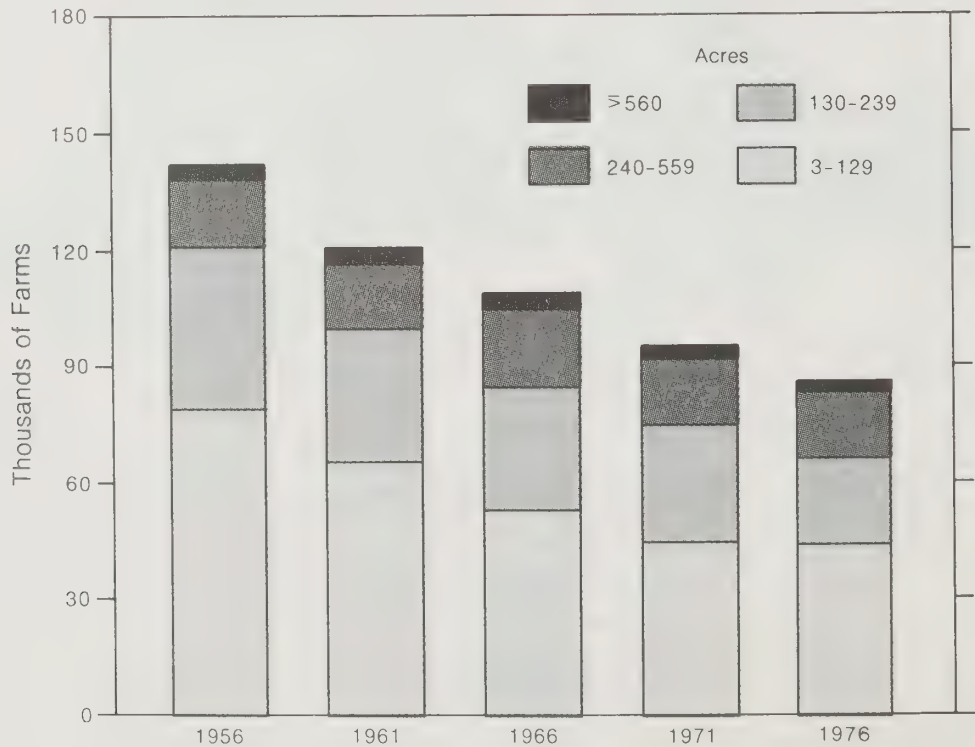
Source: Ministry of Treasury and Economic Affairs, Central Statistical Services, based on data from the Ministry of Agriculture and Food, Economics Branch

Graph 16.B
Farm Size by Region, Ontario, 1951 and 1971



Source: Ministry of Agriculture and Food, *Trends in Ontario Agriculture*

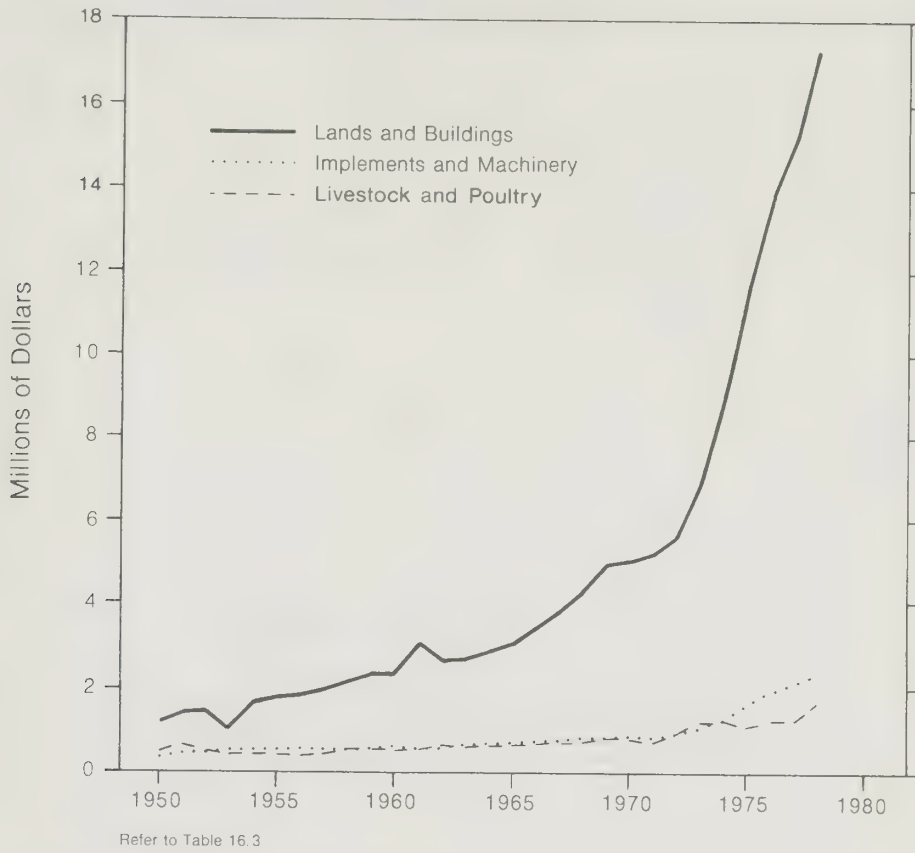
Graph 16.C
Number of Farms by Size Group, Ontario, Census Years, 1956-1976



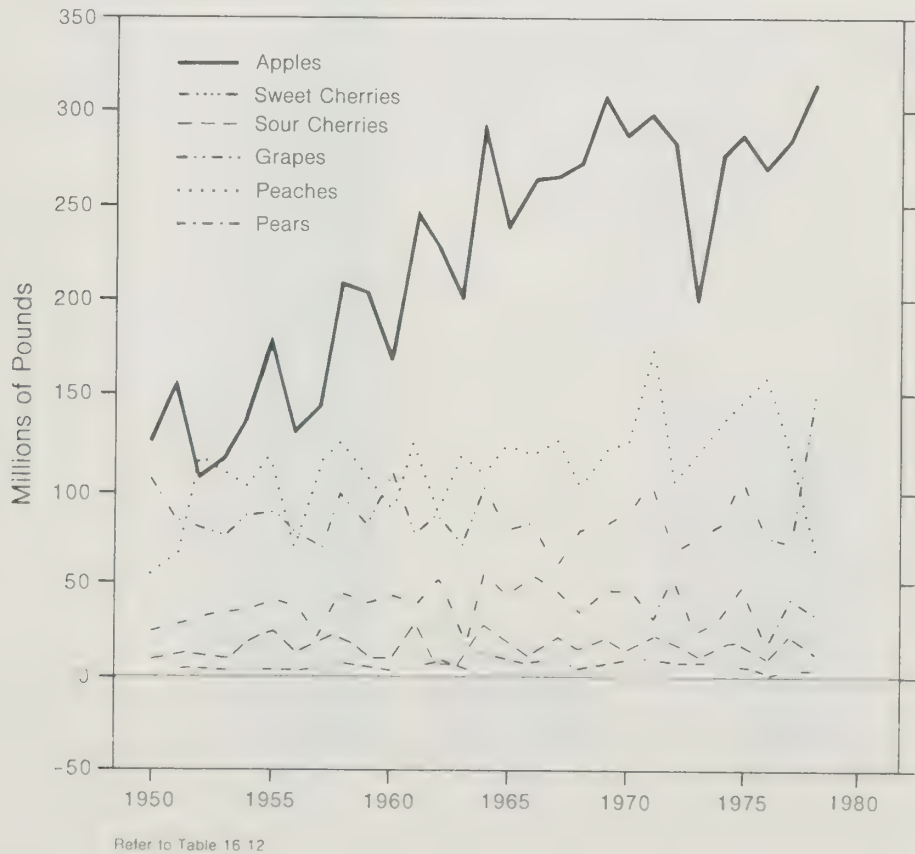
Source: Ministry of Agriculture and Food, *Trends in Ontario Agriculture*

Graph 16.D

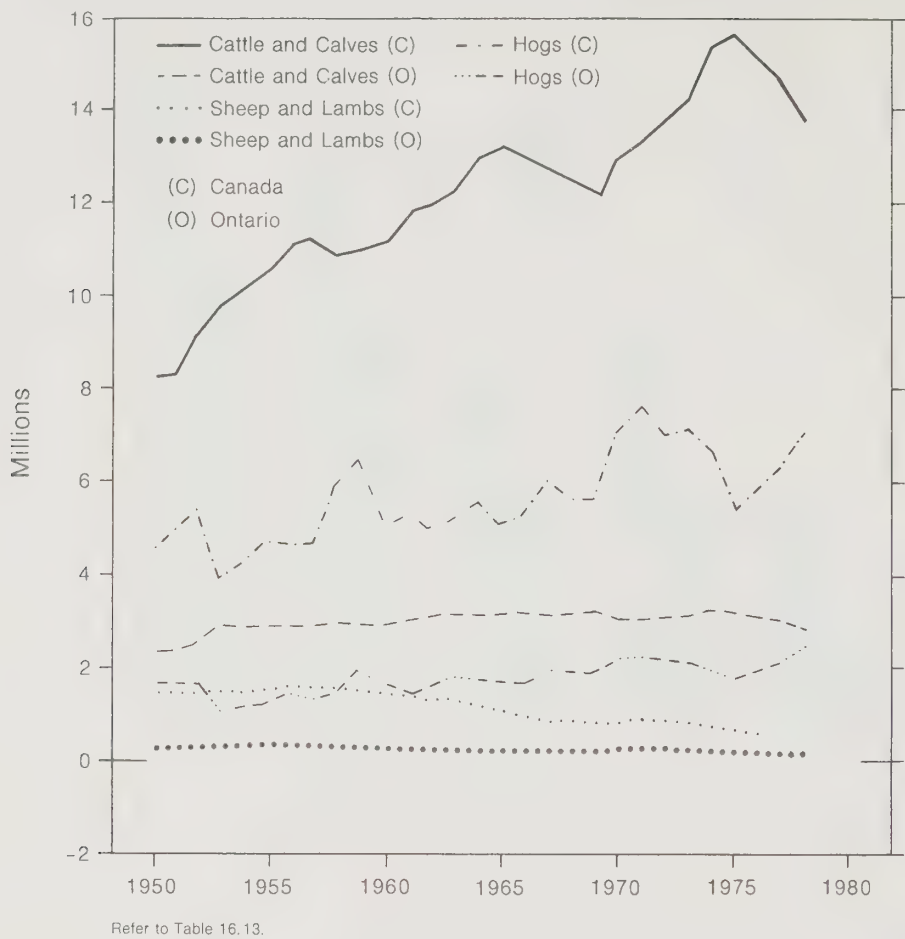
Current Values of Farm Capital by Item, Ontario, 1950-1979

**Graph 16.E**

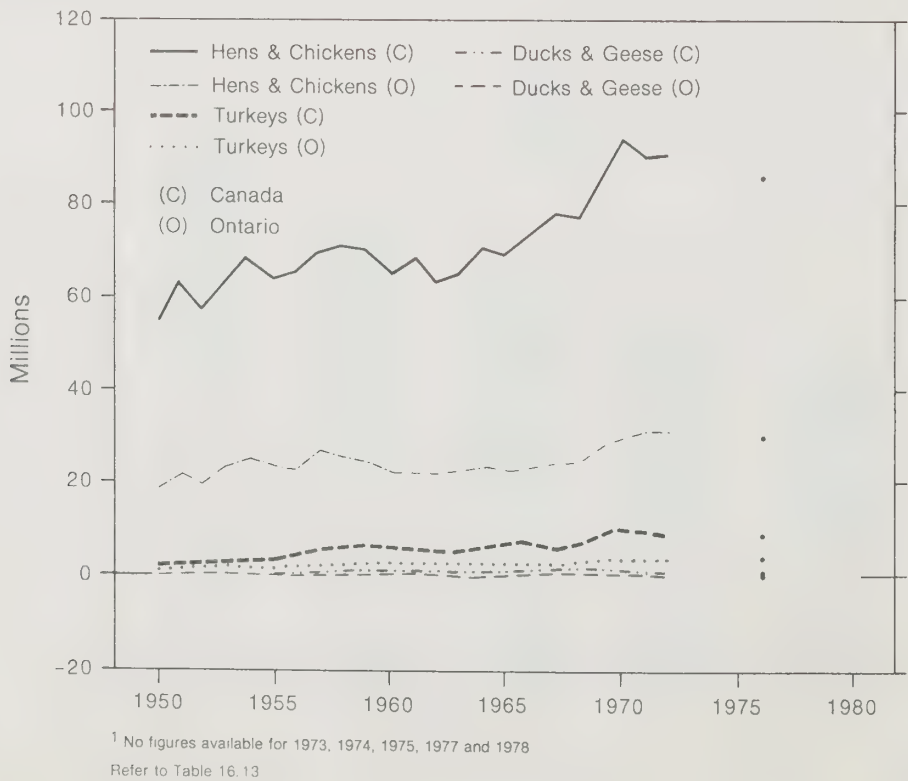
Fruit Production by Selected Type, Ontario, 1950-1978



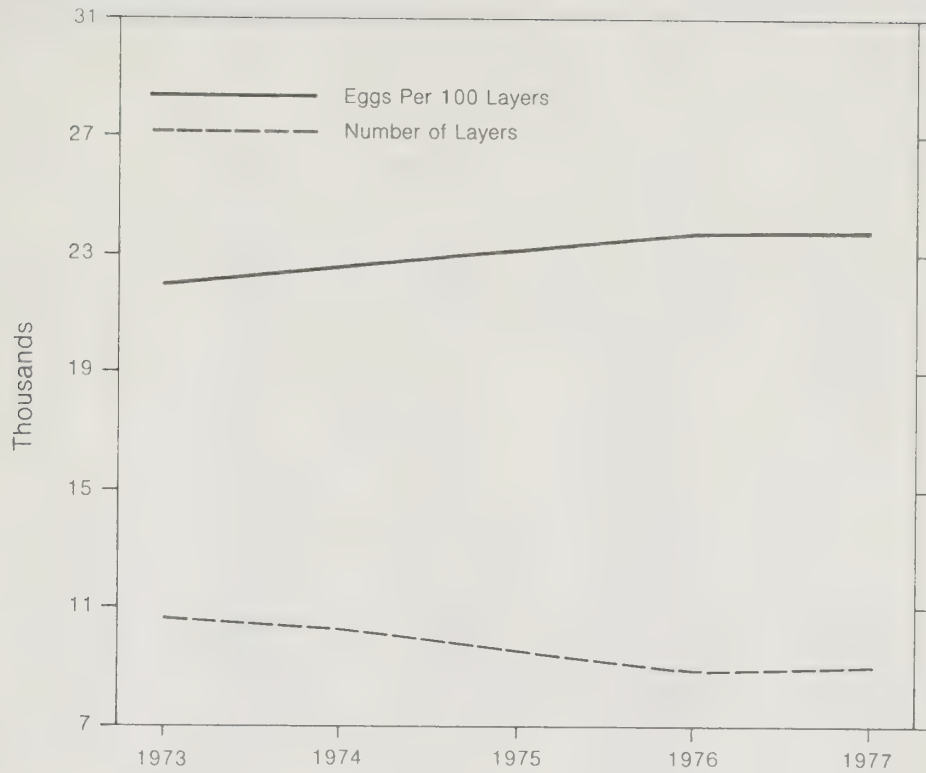
Graph 16.F
Number of Livestock on Farms by Class, Canada and Ontario, 1950-1978



Graph 16.G
Number of Poultry on Farms by Class, Canada and Ontario, 1950-1978¹

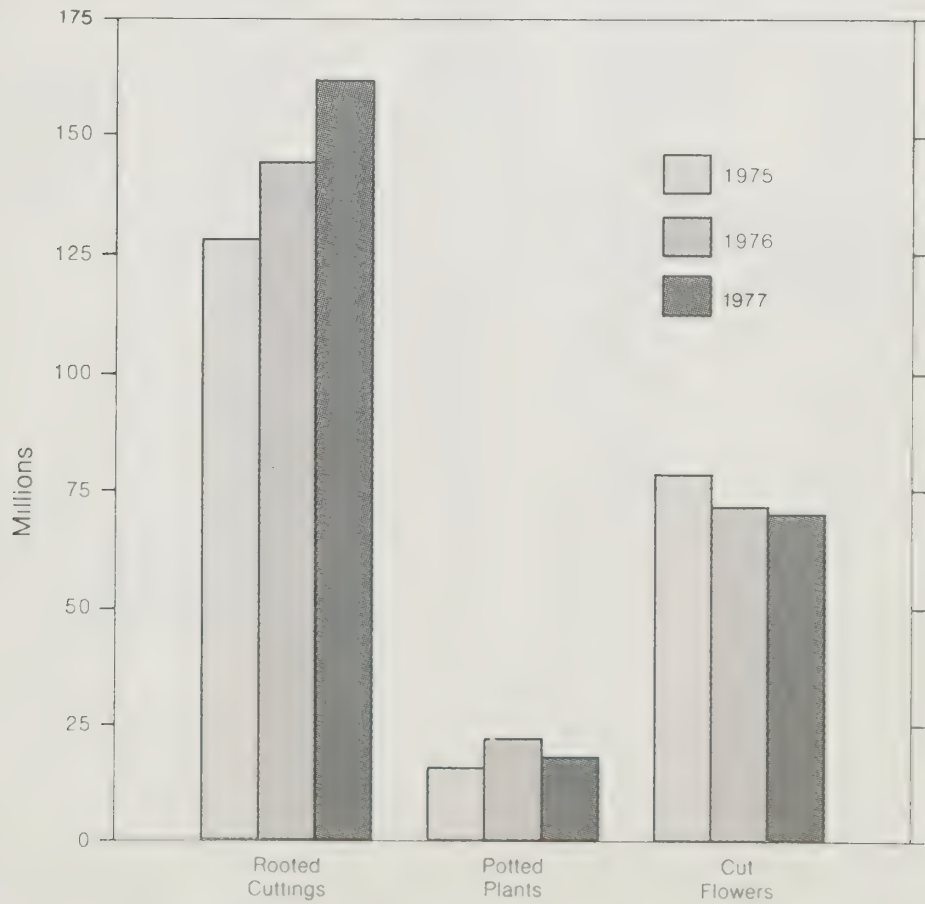


Graph 16.H
Production of Eggs, Ontario, 1973-1977



Refer to Table 16.16

Graph 16.I
Flower Production, Ontario, 1975-1977



Refer to Table 16.17

Table 16.1

Number and Area of Occupied Farms, Ontario, Census Years, 1956-1976

	1956	1961	1966	1971	1976 ^r
Census Farms¹					
Number of census farms	140,602	121,333	109,887	94,722	88,801
Areas					
	Acres				
Total land area ²	213,654,400	220,218,880	220,218,880	226,702,720	226,702,720
Area in census farms	19,879,646	18,578,507	17,826,045	15,963,056	15,473,011
	Per cent				
Percentage of total land area in census farms	9.3	8.4	8.1	7.0	6.8
Area by tenure of operator:					
	Acres				
Owner	15,482,239	13,550,073	12,236,352	9,728,603	8,135,148
Tenant	750,178	668,058	544,884	670,112	752,820
Part owner, part tenant	3,253,798	4,184,203	4,868,800	5,564,341	6,585,043
Manager	393,431	176,173	176,009	..	..
Total area owned ³	17,982,565	16,400,792	15,507,615	13,096,784	11,961,854
Total area rented	1,897,081	2,177,715	2,318,430	2,866,272	3,511,157
Use of agricultural land:					
Improved land	12,572,157	12,032,924	12,004,305	10,864,601	11,069,343
Under crops ⁴	8,219,407	7,990,358	8,358,741	7,855,890	8,665,845
Pasture	3,470,688	3,295,609	2,935,693	2,336,446	1,836,696
Summer fallow	333,973	244,842	229,852	237,916	186,652
Other improved land	548,089	502,115	480,019	434,349	380,150
Unimproved land	7,307,489	6,545,583	5,821,740	5,098,455	4,403,668
Woodland	3,338,870	3,257,589	2,834,417	2,300,621	2,057,471
Other unimproved land	3,968,619	3,287,994	2,987,323	2,797,834	2,346,197

1) See Definitions for explanation of Census Farms

2) The land area total has been revised since the 1961 Census.

3) Includes area operated by manager.

4) Includes field, vegetable, fruit and nursery crop land.

Source: Ministry of Agriculture and Food, *Agricultural Statistics for Ontario*.

Table 16.2
Farm Enlargement Statistics¹, by County, Ontario, 1979²

County/District	Farms	Purchases Acres	Cost	Average Cost Per Acre	Average Farm Acreage
Ontario	3,059	446,326	36,467,465	81.70	145
Algoma	40	7,340	402,150	54.78	183
Bruce	341	41,334	4,681,039	113.24	121
Cochrane	188	30,039	495,216	16.48	159
Dufferin	10	1,354	142,800	105.46	135
Dundas	200	20,916	2,373,508	113.47	104
Durham	1	102	5,500	53.92	102
Frontenac	29	7,271	486,143	66.86	250
Glengarry	74	8,912	970,618	108.91	120
Grenville	73	10,911	834,750	76.50	149
Grey	188	22,375	2,725,775	121.82	119
Haldimand	6	579	55,650	96.11	96
Haliburton	3	900	37,000	41.11	300
Hastings	90	14,354	1,152,907	80.31	159
Huron	178	20,528	2,609,445	127.11	115
Kenora	8	2,426	61,540	25.36	303
Kent	5	830	108,500	130.72	166
Lambton	15	1,681	226,750	134.88	112
Lanark	74	15,448	978,950	63.37	208
Leeds	141	22,251	1,872,655	84.16	157
Lennox & Addington	53	10,558	1,088,610	103.10	199
Manitoulin	80	18,839	938,350	49.80	235
Middlesex	3	284	31,000	109.15	94
Muskoka	2	376	39,000	103.72	188
Nipissing	55	11,832	507,450	42.88	215
Northumberland	27	2,671	432,769	162.02	98
Ontario	1	100	8,000	80.00	100
Ottawa-Carleton	22	2,581	345,000	133.66	117
Parry Sound	15	2,959	106,100	35.85	197
Perth	24	2,772	409,000	147.54	115
Peterborough	11	1,438	128,971	89.68	130
Prescott	282	30,255	3,188,872	105.39	107
Prince Edward	48	6,413	676,850	105.54	133
Rainy River	110	22,513	656,050	29.14	204
Renfrew	136	26,565	1,644,534	61.90	195
Russell	85	8,820	967,686	109.71	103
Simcoe	4	485	87,000	179.38	121
Stormont	168	20,351	1,849,917	90.90	121
Sudbury	26	5,435	294,340	54.15	209
Thunder Bay	17	5,116	187,060	36.56	300
Timiskaming	133	23,607	1,728,100	73.20	177
Victoria	16	3,268	283,910	86.87	204
Wellington	43	4,848	528,000	108.91	112
Cochrane 6040 ³	34	4,689	120,000	25.59	137

¹⁾ Farms purchased under the farm enlargement program of the Ministry of Agriculture and Food.

²⁾ Cumulative data to March 31, 1979.

³⁾ Land purchased under a different program.

Source: The Ministry of Agriculture and Food, *Annual Report*.

Table 16.3Current Values of Farm Capital by Item, Canada¹ and Ontario, 1950–1978

	Livestock and Poultry ²		Lands and Buildings		Implements and Machinery	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
	\$'000's					
1950	1,467,580	485,067	5,022,642	1,194,178	1,681,075	389,352
1951	2,006,491	682,197	5,512,519	1,419,364	1,931,880	445,278
1952	1,790,874	561,148	5,668,467	1,464,329	2,076,787	486,270
1953	1,556,503	490,068	6,295,977	1,600,376	2,257,636	519,570
1954	1,424,076	454,733	6,183,050	1,667,247	2,352,548	531,526
1955	1,462,727	459,295	6,567,066	1,803,294	2,283,627	520,991
1956	1,422,719	430,056	6,852,657	1,893,223	2,263,286	526,358
1957	1,512,472	465,308	6,958,491	1,984,305	2,371,409	556,333
1958	1,860,461	575,884	7,440,775	2,165,316	2,441,191	574,683
1959	1,956,443	593,555	7,842,190	2,391,292	2,509,654	589,969
1960	1,878,010	578,124	8,226,925	2,369,386	2,575,025	596,787
1961	1,990,234	593,722	8,603,397	3,125,974	2,565,538	579,282
1962	2,053,255	627,081	8,956,699	2,669,855	2,659,783	603,896
1963	2,126,188	614,886	9,571,797	2,719,070	2,810,539	633,141
1964	2,191,530	619,394	10,536,963	2,930,871	3,015,562	667,583
1965	2,137,861	616,873	11,816,736	3,125,974	3,263,250	710,403
1966	2,364,002	678,372	13,149,821	3,451,146	3,548,848	758,398
1967	2,517,816	731,261	14,828,164	3,881,140	3,723,206	797,591
1968	2,489,739	744,872	16,338,228	4,374,353	3,872,524	833,154
1969	2,955,806	855,239	16,626,354	4,968,160	3,925,308	855,336
1970	3,139,658	857,083	16,738,363	5,005,110	3,922,979	877,785
1971	3,065,068 ^r	794,743 ^r	16,911,982	5,183,419	3,904,961 ^r	890,037
1972 ^r	3,751,175	970,447	18,348,579	5,589,824	4,124,931	961,411
1973 ^r	4,907,390	1,219,440	22,232,843	6,934,065	4,517,817	1,066,466
1974 ^r	5,092,915	1,263,299	29,020,886	9,130,954	5,705,560	1,315,634
1975 ^r	4,126,800	1,108,341	36,640,600	11,662,374	7,515,692	1,672,114
1976 ^r	4,478,832	1,217,535	43,496,491	13,822,338	9,026,870	1,940,182
1977 ^r	4,543,892	1,211,336	46,703,744	15,273,683	9,999,298	2,113,952
1978	6,309,896	1,626,083	52,585,899	17,320,357	11,292,516	2,369,669

1) Excludes Newfoundland.

2) Includes value of animals on fur farms.

Source: CANSIM, *Current Value of Farm Capital by Items*.

Table 16.4
Farm Implement and Equipment Sales at Wholesale Prices, Canada and Ontario, 1950–1978

	Machines		Repair Parts	
	Canada	Ontario	Canada	Ontario
	\$'000's			
1950	218,190	51,920	29,860	6,040
1951	235,620	58,740	28,770	6,170
1952	250,280	51,450	31,230	6,170
1953	238,050	45,440	31,820	6,090
1954	146,700	39,360	27,340	6,000
1955	153,120	43,820	28,450	6,230
1956	170,770	42,900	31,820	6,360
1957	149,900	39,170	33,820	6,980
1958	172,010	43,060	33,980	7,000
1959	212,230	50,590	38,890	8,020
1960	217,470	49,400	41,310	8,780
1961	201,780	51,010	39,640	9,120
1962 ^r	237,490	52,420	43,900	9,170
1963 ^r	286,450	59,720	50,300	10,660
1964	326,980	69,390	53,160	11,740
1965	371,320	72,940	55,640	13,520
1966	416,910	87,090	61,990	15,340
1967	432,300	96,860	62,000 ^r	15,070
1968	347,940 ^r	80,990 ^r	63,960	15,790
1969 ^r	341,680	93,040	65,460	16,690
1970	278,980	83,180	65,030	17,080
1971	326,160	90,060	76,810	20,740
1972	420,250	114,710	87,920	22,610
1973	573,870	142,150	108,220	26,340
1974	713,690	173,660	132,210	30,990
1975 ^r	966,300	214,750	144,050	33,410
1976 ^r	1,134,090	239,980	154,720	38,030
1977 ^r	1,124,560	255,910	161,730	39,600
1978	1,287,940	272,700	191,440	45,690

Source: CANSIM, *Farm Implement and Equipment Sales at Wholesale Prices*.

Table 16.5**Farm Operating Expenses and Depreciation Charges, Ontario, 1974–1978**

	1974 ¹	1975 ¹	1976 ¹	1977 ¹	1978 ²
	\$'000's				
Taxes ¹	21,688	25,508	29,852	32,192	35,131
Rent	46,669	57,693	62,062	68,496	76,339
Cash rent	37,163	47,916	52,007	58,155	64,261
Share rent	9,506	9,777	10,055	10,341	12,078
Wages	152,918	171,076	179,201	196,241	198,260
Cash wages	144,430	163,023	171,561	188,993	190,316
Room and board	8,488	8,053	7,640	7,248	7,944
Interest ²	131,574	147,942	183,524	201,397	252,857
Total machinery ³	182,471	194,283	212,140	223,799	247,365
Fuel	74,490	77,294	82,122	85,711	92,568
Machinery repairs and other expenses	107,981	116,989	130,018	138,088	154,797
Fertilizer and lime	107,715	160,046	147,664	152,322	170,890
Fertilizer	107,573	159,736	147,389	152,022	170,569
Lime	142	310	275	300	321
Other Crop Expenses	122,176	133,924	134,520	141,998	151,950
Pesticides	42,394	53,029	55,549	57,523	62,240
Seed	66,241	67,139	67,310	72,577	76,932
Irrigation	—	—	—	—	—
Twine, wire and containers	13,541	13,756	11,661	11,898	12,778
Feed ⁴	359,388	365,740	373,600	384,197	444,900
Other Livestock Expenses	140,755	135,375	136,479	134,858	272,662
Feeder cattle and weanling pigs	118,934	111,406	110,273	107,806	244,722
Breed Association fees	1,203	1,349	1,532	1,685	1,685
A.I. fees and veterinary expenses	20,618	22,620	24,674	25,367	26,255
Repairs to Buildings	40,997	42,692	46,441	49,355	54,044
Electricity and Telephone	33,333	38,001	44,816	55,601	60,212
Electricity	25,503	29,555	35,274	44,912	48,999
Telephone	7,830	8,446	9,542	10,689	11,213
Miscellaneous	125,864	137,824	153,361	156,431	178,544
Insurance	1,451	-1,962	760	-7,060	-42
Fencing	7,493	8,460	8,798	8,956	9,511
Custom work	31,853	33,582	35,405	37,327	39,753
Heating fuel	29,284	34,571	39,857	43,636	46,298
Miscellaneous	55,783	61,613	66,765	70,778	83,024
Stabilization levies	—	1,560	1,776	2,794	—
Total Operating Expenses	1,465,548	1,610,104	1,703,660	1,796,887	2,143,154
Depreciation	239,517	306,800	359,380	391,837	439,229
Buildings	85,890	108,134	126,761	138,521	154,773
Machinery	153,627	198,666	232,619	253,316	284,456
Total Operating Expenses and Depreciation Charges	1,705,065	1,916,904	2,063,040	2,188,724	2,582,383

1) Owned land and buildings only.

2) Interest payments on outstanding farm mortgages for owned land and buildings, together with interest payments on all other farm business debts.

3) For the farm business.

4) Purchases through commercial channels only.

Source: SC, *Farm Net Income*.

Table 16.6 (cont'd)
Income of Farm Operators from Farming Operations by Component, Canada¹ and Ontario, 1950–1978

	Total Gross Income ⁴		Operating and Depreciation Charges		Realized Net Income ⁵		Total Net Income ⁶	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
	\$'000's							
1950	2,565,437	779,725	1,316,183	409,105	1,117,412	322,684	1,249,254	370,620
1951	3,397,571	910,906	1,466,194	462,767	1,603,944	413,933	1,931,377	448,139
1952	3,422,746	849,940	1,542,264	478,256	1,598,317	352,659	1,880,482	371,684
1953	3,114,620	824,308	1,554,611	487,821	1,485,450	320,104	1,560,009	336,487
1954	2,538,057	799,456	1,557,694	506,378	1,057,514	279,903	980,363	293,078
1955	2,796,552	790,012	1,622,055	523,593	971,663	293,509	1,174,497	266,419
1956	3,055,008	833,755	1,739,077	575,338	1,120,964	236,244	1,315,931	258,417
1957	2,730,173	871,085	1,736,230	574,729	1,112,086	280,723	993,943	296,356
1958	3,113,013	971,203	1,850,073	614,538	1,309,864	324,804	1,262,940	356,665
1959	3,058,835	941,152	1,961,016	659,847	1,161,402	290,676	1,097,819	281,305
1960	3,231,776	966,217 ¹	2,035,928	673,768	1,127,944	284,301 ¹	1,195,848	292,449 ¹
1961	3,004,108	1,012,556	2,078,285	705,530	1,199,349	279,234	925,823	307,026
1962	3,732,790	1,068,385	2,208,363	724,944	1,330,481	321,440	1,524,427	343,441
1963	3,882,904	1,087,930	2,366,775	780,430	1,213,554	339,264	1,516,129	307,500
1964	3,801,084	1,127,537	2,519,439	836,969	1,367,345	306,637	1,281,645	290,568
1965	4,291,225	1,230,466	2,727,078	895,216	1,515,931	336,724	1,564,147	335,250
1966	4,930,046	1,449,732	3,014,147	982,457	1,742,507	427,038	1,915,899	467,275
1967	4,718,243	1,445,828	3,217,173	1,069,549	1,670,109	376,966	1,501,070	376,279
1968	5,142,815	1,506,184	3,329,735	1,089,167	1,581,195 ¹	408,980	1,813,080	417,017
1969 ¹	4,672,861	1,417,624	3,149,832	1,046,391	1,237,213	390,045	1,523,029	371,233
1970 ¹	4,433,134	1,450,547	3,157,499	1,082,042	1,212,638	359,460	1,275,635	368,505
1971 ¹	4,829,574	1,449,676	3,403,614	1,143,348	1,250,034	303,582	1,425,960	306,328
1972 ¹	5,371,754	1,635,513	3,737,807	1,251,865	1,898,055	432,120	1,633,947	383,648
1973 ¹	7,706,473	2,189,147	4,486,533	1,446,476	2,650,263	652,854	3,219,940	742,671
1974 ¹	9,095,210	2,517,413	5,517,586	1,705,065	3,651,373	848,718	3,577,624	812,348
1975 ¹	10,471,662	2,822,171	6,337,311	1,916,904	3,874,462	811,112	4,134,351	905,267
1976 ¹	10,494,120	2,739,751	7,115,902	2,063,040	3,049,667	760,866	3,378,218	676,711
1977 ¹	10,495,462	2,990,688	7,555,577	2,188,724	2,732,924	721,263	2,939,885	801,964
1978	12,230,137	3,380,819	8,693,628	2,582,383	3,318,079	834,363	3,536,509	798,436

¹ Excludes Newfoundland.

² Sums of cash receipts, income in kind and supplementary payments.

³ Payments made by the province of Québec to beef, poultry and potato farmers due to the poor economic conditions faced by these farmers.

⁴ Realized gross income plus or minus inventory changes.

⁵ Realized gross income less operating and depreciation charges.

Table 16.7
Farm Cash Receipts from Farming Operations by Product, Ontario, 1967–1978

	1967	1968	1969	1970	1971 ¹	1972 ¹
	\$'000's					
Wheat	24,176	22,710	19,746	23,371	21,161	24,774
Oats	2,953	2,765	2,333	1,878	1,793	1,641
Barley	2,944	3,233	3,437	3,412	3,988	4,041
Rye	157	155	177	176	125	167
Flaxseed	268	257	103	76	45	44
Soybeans	21,353	22,363	16,661	23,732	27,898	35,784
Corn	28,148	26,114	37,639	49,214	58,948	59,443
Sugar beets	2,649	–	–	–	–	–
Potatoes	9,409	12,703	14,510	21,852	19,630	18,994
Fruits	34,821	38,619	43,825	41,185	46,551	42,885
Vegetables	79,450	68,949	71,194	77,443	81,707	94,251
Floriculture and Nursery	..	..	..	..	–	–
Tobacco	149,783	136,356	137,504	147,513	125,556	140,297
Other crops	45,638	45,068	48,532	59,405	71,011	82,192
Total Crops	392,749	379,292	395,661	449,057	458,413	504,513
Cattle and calves	299,123	327,614	350,863	332,948	366,708	416,887
Hogs	152,167	154,302	170,795	168,879	120,914	192,580
Sheep and lambs	2,893	2,782	3,154	3,151	2,975	3,365
Dairy products	41,106	248,780	255,847	253,762	264,074	293,785
Poultry	86,965	89,880	95,746	95,310	94,685	103,165
Eggs	59,741	65,814	75,992	65,722	56,136	66,459
Other livestock products	15,784	16,934	15,882	14,290	15,255	18,261
Total Livestock Products	857,779	906,106	968,279	934,062	920,747	1,094,502
Forest and maple products	4,709	5,116	5,277	5,110	5,244	6,069
Provincial Income Stabilization Program	–	–	–	–	–	–
Dairy supplement payments	36,954	36,757	29,767	22,429	33,099	33,359
Deficiency payments ¹	1,587 ³	640 ⁴	1,276 ⁴	205 ⁴	122 ³	12,303 ⁵
Cash receipts from farming operations	1,293,778	1,327,911	1,400,210	1,410,863	1,417,625	1,650,746
Supplementary payments ²	–	–	968	–	–	2,242
Total Cash Receipts	1,293,778	1,327,911	1,401,178	1,410,863	1,417,625	1,652,988

Table 16.7 (cont'd)**Farm Cash Receipts from Farming Operations by Products, Ontario, 1977-1978**

	1973 ^r	1974 ^r	1975 ^r	1976 ^r	1977 ^r	1978
	\$'000's					
Wheat	24,983 ⁷	62,029 ⁷	82,698 ⁷	80,548 ⁷	84,211 ⁷	32,530 ⁷
Oats	2,034	2,848	2,637	2,170	1,860	1,611
Barley	5,637	8,131	7,395	6,771	5,625	5,852
Rye	331	431	448	379	214	214
Flaxseed	—	—	—	—	—	—
Soybeans	50,348	78,511	44,925	78,143	78,668	156,230
Corn	96,812	159,444	148,114	153,062	152,644	184,617
Sugar beets	—	—	—	—	—	—
Potatoes	30,805	38,371	34,754	34,451	34,676	27,405
Fruits	53,058	66,492	63,851	69,379	74,579	71,994
Vegetables	103,649	125,745	158,688	160,702	170,881	161,203
Floriculture and Nursery	58,846	74,805	86,468	101,790	105,151	115,000
Tobacco	134,485	195,190	186,429	220,785	169,208	253,161
Other crops	78,971	63,890	67,214	78,921	70,162	75,047
Total Crops	639,959	875,887	883,612	987,101	947,879	1,084,864
Cattle and calves	490,554	588,483	602,346	572,463	668,620	903,640
Hogs	274,509	255,689	304,353	297,782	285,667	399,122
Sheep and lambs	4,017	4,978	4,407	4,407	4,684	5,908
Dairy products	317,101	403,537	489,914	481,859	508,118	524,513
Poultry	151,044	163,005	149,757	171,803	170,912	197,035
Eggs	106,379	111,503	102,951	113,639	117,643	119,168
Other livestock products	22,799	24,075	27,949	28,889	32,202	32,118
Total Livestock Products	1,366,403	1,551,270	1,681,677	1,670,842	1,787,846	2,181,504
Forest and maple products	7,426	8,099	8,256	9,853	11,149	13,191
Provincial Income Stabilization Program	—	—	24,149	22,650	12,613	—
Dairy supplement payments	39,808	66,392	84,133	83,414	86,615	76,340
Deficiency payments ¹	1,846 ⁶	9,366 ⁶	2,602 ⁶	6,494 ⁶	17,412 ⁶	7,985
Cash receipts from farming operations	2,055,442	2,511,014	2,684,429	2,780,354	2,863,514	3,363,884
Supplementary payments ²	304	6	—	—	—	—
Total Cash Receipts	2,055,746	2,511,020	2,684,429	2,780,354	2,863,514	3,363,884

1) Made under the authority of the Agricultural Stabilization Act. For this report, items included in the deficiency payments are specified below. Deficiency payments on other products are included as part of the estimated income for those products.

2) Government assistance to farmers who suffered losses as a result of adverse weather conditions.

3) Includes only deficiency payments on eggs, sugar beets, potatoes, and wool.

4) Includes only deficiency payments on eggs, potatoes, and wool.

5) Includes only deficiency payments on two-price wheat, potatoes, fowl, blueberries, carrots, rutabagas and hogs.

6) Includes deficiency payments as follows: 1973 two-price wheat, fowl and hogs; 1974 two-price wheat, beef, lambs, fowl and hogs; 1975 two-price wheat, beef, potatoes, hogs and cows; 1976 two-price wheat, potatoes, beef, cows, cattle, fruits and vegetables; 1977 potatoes, cattle, cows, fruits and vegetables; 1978 potatoes, cattle, cows, fruits and vegetables.

7) Includes Board payments of \$5,387,000 for 1973, \$27,027,000 for 1974, \$41,106,000 for 1975, \$35,027,000 for 1976, \$25,189,000 for 1977, and \$7,894,000 for 1978.

Source: SC, *Farm Cash Receipts*.

Table 16.8
Agricultural and Food Exports, Ontario, 1967–1978

	Total	U.S.	U.K.	E.E.C. ¹	Caribbean	Japan	Other
	\$ Million						
1967	265	100	111	35	14	–	5
1968	350	201	104	15	12	1	17
1969	386	235	95	14	16	2	24
1970	421	267	93	11	17	2	31
1971	419	254	93	15	18	3	36
1972 ^f	442	257	99	22	19	6	39
1973 ^f	554	340	104	31	23	14	42
1974 ^f	504	273	122	28	18	12	51
1975 ^f	600	331	95	34	26	21	92
1976 ^f	629	347	97	56	18	28	82
1977	706	407	94	57	20	38	89
1978	927	463	129	62	27	62	184

¹⁾ Excludes the United Kingdom.

Source: Ministry of Agriculture and Food, based on SC External Trade Division data.

Table 16.9
Vegetable Production by Selected Type, Ontario, 1950–1978

	Cabbage	Carrots, Fresh	Corn, Pro- cessing	Corn, Fresh	Cucum- bers	Onions (Dry) ¹	Peas, Pro- cessing	Tomatoes, Pro- cessing	Tomatoes, Fresh	Rutabagas
	'000's lbs.									
1950	79,174	64,674	97,900	..	..	111,832	34,656	367,732	..	..
1951	64,788	62,644	132,350	..	..	72,800	52,858	576,855	..	..
1952	68,028	68,782	146,500	..	..	86,694	43,400	650,258	..	..
1953	58,092	77,206	93,330	..	..	102,242	44,348	478,238	..	..
1954	67,812	74,128	138,688	..	..	85,878	39,186	469,104	..	..
1955	58,638	80,388	150,530	..	..	100,308	61,100	577,523	..	..
1956	62,866	87,444	133,624	..	..	78,240	39,286	496,833	..	..
1957	60,000	95,180	161,448	19,239	..	90,110	68,314	391,504	82,406	..
1958	65,210	108,410	158,708	22,839	..	78,402	40,964	629,227	93,774	..
1959	61,056	99,178	140,190	25,770	29,470	101,290	34,584	552,954	94,758	199,564
1960	60,490	111,276	165,788	20,170	30,707	115,794	46,728	671,178	102,984	209,836
1961	72,322	121,052	197,324	20,711	42,002	95,666	52,980	581,212	105,076	280,130
1962	67,518	137,988	217,310	20,710	39,390	139,344	48,422	695,844	97,286	143,420
1963	84,016	136,180	152,580	24,988	48,594	162,912	37,028	560,660	91,534	143,742
1964	70,502	127,398	207,410	21,240	56,784	131,020	53,526	636,948	84,574	174,678
1965	79,014	142,208	210,000	19,806	46,190	185,508	60,000	760,000	85,930	173,390
1966	72,960	164,644	240,000	27,484	69,550	114,238	36,800	580,000	97,688	129,950
1967	72,300	105,748	226,000	21,132	51,911	132,238	48,100	672,000	97,224	170,784
1968	75,302	163,378	260,000	21,468	77,334	157,020	72,000	638,000	57,644	178,008
1969	74,933	170,489	290,000	20,436	82,286	126,941	33,200	526,000	51,996	108,471
1970	79,754	157,551	260,000	29,760	101,220	121,511	58,000	718,000	62,751	142,395
1971	83,700	118,237	288,000	16,894	89,384	115,388	50,200	732,000	53,724	106,583
1972	84,082	156,472	330,000	29,684	72,682	106,052	53,000	648,000	46,144	118,770
1973	91,083	180,724	306,000	24,127	93,879	133,260	68,200	788,000	45,642	116,522
1974	83,772	204,953	308,000	22,854	89,818	144,512	79,000	688,000	38,187	118,959
1975	98,088	228,602	388,000	30,546	104,035	119,252	78,000	760,000	45,168	123,836
1976	100,978	149,759 ^f	355,000	..	91,272	121,200	62,000	833,630	46,476	135,989 ^f
1977	121,093	138,573	334,000	..	98,098	133,354 ^f	65,300	918,100	55,860 ^f	121,618
1978 ^p	138,152	227,711	300,000	..	104,704	182,771	63,000	937,000	50,303	119,841

¹⁾ Bulb onions excluding green onions.

Source: SC, *Fruit and Vegetable Crop Reports*.

Ministry of Agriculture and Food, *Seasonal Fruit and Vegetable Report*.

Table 16.10

Vegetable Production, Acreage and Value, Ontario, 1976-1977

	1977					1978 ^p					
Unit	Area ¹ Acres	Average Yield per Acre '000's	Marketed Produc- tion '000's	Farm Value ¢/Unit	Total Farm Value ² \$'000's	Area ¹ Acres	Average Yield per Acre '000's	Marketed Produc- tion '000's	Farm Value ¢/Unit	Total Farm Value ² \$'000's	
Asparagus, fresh & proc.	lb.	2,489	1.6	3,886	53	2,053	2,400	1.6	3,756	66.6	2,503
Beans, green & wax fresh mkt.	lb.	1,248	6.0	7,513	23	1,750	1,522	6.2	9,401	24.4	2,291
Beans, green & wax - proc. ³	lb.	4,300	4.7	20,400	7.7	1,580 ^r	5,100	4.3	21,800	8.0	1,740
Beans, Lima - proc.	lb.	1,160	2.1	2,430	17.7	430	2,000	1.8	3,600	17.5	630
Beets, topped	lb.	817	27.0	21,674	3.2	685	881	25.7	22,579	3.7	846
Beets, bunching	lb.	136	12.3	1,679	19	323	123	9.7	1,195	21.6	258
Cabbage, fresh & proc.	lb.	3,302	36.7	121,093	4.1	4,977	3,718	38.3	138,352	5.2	7,160
Carrots, fresh & proc. topped	lb.	3,260	44.2	138,573	4.6	6,413	4,198	61.9	227,711	5.1	11,519
Carrots, bunching	lb.	80	11.3	905	12.4	112	98	12.1	1,183	14.1	167
Cauliflowers, fresh & proc.	lb.	1,560	17.4	27,095	11.5	3,110	2,113	19.4	40,968	12.0	4,914
Celery, fresh & proc.	lb.	448	67.9	30,430	6.3	1,914	538	59.8	32,149	9.4	3,007
Corn, sweet - fresh market	doz.	6,116	0.9	5,263	64	3,356	5,680	.8	4,681	73.4	3,438
Corn, sweet - proc.	lb.	32,500	10.3	334,000	2.8	9,470	32,600	9.2	300,000	2.5	7,410
Cucumber, field fresh market	lb.	650	20.5	13,298	11.4	1,516	594	22.2	13,204	10.8	1,423
Cucumber, field proc.	lb.	5,570	15.2	84,800	8.4	7,100	5,450	16.8	91,500	8.1	7,400
Cucumber, greenhouse ⁴	doz.	-	-	1,489	292	4,348	-	-	1,418	301	4,272
Ettuce, head, fresh market	doz.	1,327	1.0	1,274	197	2,516	1,348	1.3	1,727	222	3,834
Onions, bunching	lb.	305	16.6	5,057	24.9	1,257	320	15.3	4,888	31.3	1,528
Onions, dry	lb.	4,882 ^r	31.9 ^r	133,354 ^r	4.0 ^r	5,351 ^r	5,296	37.8	182,771	4.6	8,471
Parsnips.	lb.	140	18.7	2,319	11.3 ^r	261 ^r	320	23.4	6,514	11.1	726
Peas, green - proc.	lb.	21,400	3.1	65,300	11.2	7,340	22,000	2.9	63,000	11.3	7,100
Peppers, fresh & proc.	lb.	1,241	11.0	13,692	11.5	1,581	1,434	9.7	13,871	12.2	1,688
Potatoes	lb.	45,718	23.8	934,688	3.0	28,391	44,417	20.9	756,707	4.0	30,565
Pumpkin & Squash - proc.	lb.	1,136	26.7	30,376	1.2	379	1,359	25.3	34,423	1.2	420
Radishes	lb.	1,303	7.3	9,538	14.2	1,352	1,355	10.2	13,769	20.4	2,808
Rutabagas	lb.	3,415	43.2	121,618	3.8	4,589	3,852	34.8	119,841	4.1	4,904
Spinach, fresh & proc.	lb.	519	7.0	3,628	17.3	628	790	7.9	6,265	19.4	1,216
Tomatoes, fresh mkt.	lb.	2,584 ^r	21.6 ^r	55,860 ^r	17.6	9,841 ^r	2,653	19.0	50,303	16.9	8,523
Tomatoes, greenhouse	lb.	-	-	28,668	36.8	10,561	-	-	29,421	41.8	12,286
Tomatoes, proc.	lb.	23,000	39.9	918,100	4.1	37,000	24,700	37.9	937,000	4.1	38,400
Total of above specified vegetables		170,606 ^r	...	...	...	160,184 ^r	176,859	...	...	...	181,447

1) Acreage harvested.
2) Does not include Federal subsidy payments.
3) Includes Romano beans.
4) Source: Ontario Greenhouse Vegetable Growers' Marketing Board.

Fruit Production, Acreage and Value, Ontario, 1977-1978

1977 1978^p

	Unit	Area ¹	Total Produc- tion ²	Marketed Produc- tion ³	Farm Value per Marketed Unit	Total Farm Value ⁴	Area ¹	Total Produc- tion ²	Marketed Produc- tion ³	Farm Value per Marketed Unit	Total Farm Value ⁴
		Acres	'000's	'000's	¢	\$'000's	Acres	'000's	'000's	¢	\$'000's
Apples	lb.	23,923	284,886	281,872	9.7	27,442	23,919	315,264	314,551	10.8	33,909
Cantaloupes	lb.	119	2,119	2,119	12.0	253	106	1,641	1,641	10.7	176
Cherries, sour	lb.	2,330	15,356	13,980	27.9	3,897	2,301	10,070	9,809	43.6	4,275
Cherries, sweet	lb.	1,324 ^r	4,388 ^r	3,189 ^r	26.6 ^r	848 ^r	1,321	4,768	4,557	32.0	1,456
Grapes	lb.	25,406	121,928	117,168	11.2	13,080	25,420	149,299	148,999	12.1	18,013
Peaches	lb.	9,262	72,135	64,331	15.1	9,690	8,616	65,012	62,975	19.0	11,985
Pears, Bartlett	lb.	2,430	23,165	21,336	10.9	2,324	2,420	20,899	18,845	15.5	2,922
Pears, Keiffer	lb.	445	10,105	6,796	6.6	445	438	7,070	5,706	6.4	366
Pears, other	lb.	1,001	8,234	7,832	12.8	1,003	1,023	8,433	8,194	17.9	1,470
Plums & Prunes	lb.	1,466	9,468	8,533	14.9	1,274	1,466	5,894	5,661	27.9	1,580
Raspberries	qt.	558	645	645	107.8	695	563	599	599	118	707
Strawberries	qt.	2,163	14,148	14,148	50.9	7,196	2,681	17,543	17,543	49.3	8,654
Total of above specified fruits	...	70,427 ^r	...	...	...	68,147	70,274	...	...	...	85,513

1) Acreage harvested.
2) Estimated produce harvested.
3) Estimated sales to fresh markets, and processed.
4) Does not include government subsidy payment.

Source: Ministry of Agriculture and Food, *Seasonal Fruit and Vegetable Report*.

Table 16.12
Fruit Production¹ by Selected Type, Ontario, 1950–1978

	Apples	Cherries		Grapes	Peaches	Pears	Plums	Prunes	Rasp- berries	Straw- berries
		Sweet	Sour							
		'000's lbs.							'000's qts.	
1950	128,746	2,264	11,489	107,730	56,949	24,161		13,802	3,507	8,928
1951	158,008	2,816	14,607	86,708	67,404	28,130		17,981	4,151	9,765
1952	107,469	5,721	12,876	83,894	118,658	36,907		26,576	3,248	9,590
1953	118,193	3,747	12,210	78,268	117,476	37,686		25,646	3,182	9,255
1954	138,188	4,213	21,294	87,102	107,686	33,205		24,311	3,170	7,992
1955	181,665	5,266	27,106	92,760	118,523	44,352		28,796	2,566	7,578
1956	134,651	1,890	14,604	79,184	68,816	40,933		14,029	2,721	7,524
1957	144,940	6,700	18,300	67,100	113,275	19,000		19,000	2,564	6,158
1958	212,418	8,825	22,990	103,874	129,390	43,245		21,115	2,882	6,854
1959	207,138	8,820	12,043	81,800	107,169	38,336		18,015	2,365	6,188
1960	169,226	4,620	12,698	111,838	88,643	44,834		13,373	2,969	9,159
1961	247,985	6,253	26,317	81,634	127,175	40,804		17,010	2,997	7,986
1962	229,419	11,520	10,610	89,014	81,635	53,460		9,374	2,169	5,989
1963	204,876	7,157	10,295	119,317	72,920	23,252	4,461	3,404	2,449	4,500
1964	293,486	12,040	30,224	113,800	107,229	55,075	11,579	5,600	2,358	7,995
1965	242,235	10,600	22,190	125,600	80,300	44,365	14,305	4,156	2,083	7,581
1966	266,990	12,064	13,209	116,400	86,181	55,641	10,264	5,432	1,140	7,692
1967	267,418	10,862	22,745	130,670	60,176	44,723	4,177	5,501	1,413	8,032
1968	273,622	8,200	16,100	109,400	79,428	37,083	6,194	5,844	1,114	8,841
1969	312,447	10,149	21,170	122,873	84,991	42,631	5,511	4,094	1,079	9,837
1970	288,457	6,052	15,143	126,462	90,254	43,402	6,848	5,036	1,064	11,322
1971	299,336	11,319	21,333	168,350	104,822	35,560	8,378	5,258	1,203	11,215
1972	287,756	9,447	17,309	104,382	65,195	51,900	6,517	5,754	982	9,189
1973	204,878	7,157	10,295	119,317	72,920	23,252	4,461	3,573	783	8,786
1974	277,585	5,260	15,512	138,397	86,115	37,349	2,771	4,082	725	8,828
1975	290,780	7,455	16,549	145,244	108,013	47,415	9,167	4,620	601	10,595
1976	260,446 ^r	1,864	9,186	160,481	77,187	16,121	5,023	825	589	11,806
1977	284,886	4,388 ^r	15,356	121,928	72,135	41,504		9,468	645	14,148
1978 ^p	315,264	4,768	10,070	149,299	65,012	32,745		5,894	599	17,543

1) Total production

Source: Ministry of Agriculture and Food, *Agricultural Statistics for Ontario. Seasonal Fruit and Vegetable Report.*

Table 16.13**Number of Livestock and Poultry on Farms by Class, Canada¹ and Ontario, 1950–1978**

	Livestock ²							
	Cattle and Calves		Hogs		Sheep and Lambs		Horses	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
	'000's							
1950	8,342.7	2,372.0	4,371.9	1,800.0	1,578.6	398.0	1,496.5	327.0
1951	8,363.1	2,465.9	4,914.3	1,755.5	1,461.2	360.2	1,303.8	260.6
1952	9,153.0	2,675.0	5,427.5	1,700.0	1,534.0	385.0	1,178.7	219.0
1953	9,806.0	2,840.0	3,970.5	1,260.0	1,592.5	407.0	1,054.6	200.0
1954	10,170.0	2,890.0	4,440.0	1,315.0	1,635.6	402.0	917.4	172.0
1955	10,603.0	2,925.0	4,799.5	1,440.0	1,634.0	400.0	831.7	151.0
1956	11,011.2	2,901.7	4,730.9	1,548.3	1,619.7	393.8	782.1	139.6
1957	11,265.0	2,951.0	4,758.0	1,529.0	1,628.5	381.0	721.8	130.0
1958	10,990.0	2,906.0	5,931.0	1,764.0	1,629.5	380.0	660.6	115.0
1959	11,058.0	2,915.0	6,519.0	2,056.0	1,608.5	364.0	597.7	102.0
1960	11,337.0	2,972.0	5,070.0	1,726.0	1,607.0	353.0	551.5	95.0
1961	11,933.8	3,115.7	5,331.2	1,686.3	1,548.3	341.1	510.6	88.9
1962	12,067.0	3,247.0	4,981.0	1,823.0	1,449.0	333.0	478.2	85.0
1963	12,365.0	3,204.0	5,211.0	1,929.0	1,346.0	309.0	451.0	84.0
1964	12,994.0	3,243.0	5,667.0	1,965.0	1,272.0	292.0	431.2	83.0
1965	13,260.0	3,252.0	5,147.0	1,829.0	1,132.0	280.0	402.9	79.0
1966	12,878.8	3,137.0	5,401.3	1,935.6	1,005.5	265.4	386.2	75.4
1967	12,697.0	3,160.0	6,070.0	2,073.0	922.0	250.0	370.3	76.0
1968	12,487.0	3,200.0	5,771.0	2,027.0	829.2	227.0	365.9	78.0
1969	12,366.0	3,205.0	5,809.0	2,042.0	796.0	226.0	358.8	77.0
1970	12,826.0	3,136.0	7,113.7	2,179.0	796.0	208.0	357.5	76.0
1971	13,270.9	3,082.0	7,624.1	2,230.5	851.3	216.2	353.6	79.9
1972	13,736.0	3,102.0	7,045.6	2,157.0	845.0	209.0	349.9	78.0
1973	14,249.0	3,136.0	7,103.2	2,052.0	833.0	200.0	342.2	78.0
1974	15,318.0	3,260.0	6,650.7	1,930.0	784.0	195.0	..	..
1975	15,622.0	3,233.0	5,469.3	1,789.0	703.0	168.0	..	..
1976	15,187.0	3,128.0	5,825.5	1,932.2	641.0	132.0	..	..
1977	14,671.0 ¹	3,077.0	6,279.0	2,056.0	..	131.0	..	..
1978	13,705.1	2,900.0	7,123.0	2,450.0	..	144.0	..	..

Table 16.13 (cont'd)
Number of Livestock and Poultry on Farms by Class, Canada¹ and Ontario, 1950–1978

	Poultry							
	Hens and Chickens		Turkeys		Geese		Ducks	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
	'000's							
1950	55,779.0	20,739.0	2,500.0	594.0	352.0	142.0	465.0	191.0
1951	64,541.0	23,767.0	2,527.0	666.0	353.0	139.0	437.0	165.0
1952	59,010.0	21,600.0	3,409.0	800.0	378.0	131.0	478.0	165.0
1953	64,918.0	25,455.0	2,885.0	735.0	374.0	135.0	474.0	175.0
1954	69,441.0	27,400.0	3,689.0	925.0	342.0	118.0	451.0	130.0
1955	65,019.0	25,190.0	3,793.0	1,065.0	368.0	101.0	522.0	150.0
1956	67,535.0	24,934.0	4,770.0	1,415.0	326.0	96.0	420.0	124.0
1957	71,636.0	28,175.0	5,232.0	1,650.0	322.0	91.0	401.0	121.0
1958	72,343.0	27,028.0	6,134.0	1,950.0	339.0	100.0	435.0	124.0
1959	71,611.0	26,457.0	7,542.0	2,660.0	329.0	95.0	413.0	121.0
1960	67,261.0	24,808.0	6,156.0	2,200.0	321.0	89.0	395.0	118.0
1961	69,962.0	24,708.0	7,668.5	2,745.0	314.2	69.0	397.5	122.0
1962	65,031.0	23,060.0	6,744.0	2,800.0	311.1	68.0	403.7	150.0
1963	67,645.0	24,230.0	6,653.0	2,900.0	331.8	68.0	391.3	125.0
1964	71,514.0	25,180.0	6,799.0	2,910.0	330.5	70.0	397.5	130.0
1965	70,691.0	24,250.0	7,942.0	3,400.0	330.7	60.0	403.0	135.0
1966	75,223.6	25,308.6	8,967.8	4,044.4	338.7	60.8	409.9	135.9
1967	78,887.0	26,670.0	8,757.5	3,800.0	347.6	57.0	407.7	126.0
1968	78,515.0	26,810.0	8,369.6	3,760.0	363.8	60.0	422.8	132.0
1969	86,680.0	29,200.0	9,098.0	4,400.0	377.0	60.0	439.9	138.0
1970	94,955.0	31,530.0	10,203.0	4,500.0	386.2	57.0	452.9	130.0
1971	90,239.5	31,509.9	9,540.8	3,765.4	415.5	72.6	553.9	155.0
1972 [†]	91,296.0	31,800.0	9,062.8	3,790.0	409.1	75.0	580.6	185.0
1973	.. ³	.. ³	.. ³	.. ³	..	..	..	..
1974	.. ³	.. ³	.. ³	.. ³	..	..	..	..
1975	.. ³	.. ³	.. ³	.. ³	..	..	..	..
1976 ⁴	86,128.3	29,972.2	8,826.3	4,076.0	341.9	56.7	587.4	193.0
1977	..	..	..	..	..	..	..	..
1978	..	..	..	..	..	..	..	..

1) Excludes Newfoundland.
2) Estimates from 1971 to 1976 have been intercensally revised to fit June 1, 1971 and June 1, 1976 census benchmarks. Estimates shown are at June 1 from 1950 to 1974 and at July 1 from 1975 to date.
3) To be revised to conform with 1971 and 1976 census benchmarks.
4) Census figures.

Source: CANSIM, *Cattle: Numbers on farms.*
Hogs: Numbers on farms.
Sheep and Lambs: Numbers on farms.
Horses: Numbers on farms.
Poultry: Numbers on farms.

Table 16.14
Production, Farm Value and Utilization of Milk, Ontario, 1950-1977

	Total Milk Production ²	Farm Value of Production ³	Used in Manufacture		Used Otherwise		
			on Farms	in Factories	Fluid Sales	Farmhouse Consumed	Fed to Livestock
	'000's lbs.	\$'000's	'000's lbs.		'000's lbs.		
1950	5,063,581	135,386	72,518	2,971,223	1,579,600	231,890	208,350
1951	5,050,270	154,154	70,431	2,945,242	1,597,820	224,796	211,981
1952	5,164,928	154,449	46,070	3,070,685	1,601,655	223,236	223,282
1953	5,370,319	157,227	32,282	3,219,952	1,675,985	221,975	220,125
1954	5,524,199	160,406	29,508	3,293,649	1,755,557	222,420	223,065
1955	5,645,256 ^r	163,227	24,780	3,325,694	1,852,273 ^r	225,196 ^r	219,491 ^r
1956	5,626,172	168,532	22,850	3,219,974	1,932,823	234,883	215,642
1957	5,676,558	173,987	19,936	3,275,351	1,941,573	221,918	217,780
1958	5,916,687	184,598	21,856	3,512,703	1,942,173	218,391	221,564
1959	6,065,044	198,885	23,657	3,614,801	1,963,354	216,323	246,909
1960	6,072,245	196,498	21,785	3,652,196	1,952,060	204,771	241,433
1961	6,271,347	197,379	15,701	3,863,284	1,927,132	194,064	271,166
1962	6,405,661	203,719	16,169	3,946,007	1,962,985	191,200	289,300
1963	6,570,600	214,859	12,262	4,079,397	1,986,041	197,500	295,400
1964	6,795,248	229,069	9,360	4,256,662	2,029,426	197,000	302,800
1965	6,971,092	241,615	8,120	4,403,668	2,074,504	192,200	292,600
1966	6,765,044	245,046	6,949	4,237,649	2,096,987	153,059	270,400
1967	6,600,814	258,903	6,950	4,107,255	2,080,883	140,826	264,900
1968	6,603,774	267,579	6,646	4,106,616	2,094,265	134,647	261,600
1969	6,572,536	274,018	6,388	4,080,602	2,102,886	125,560	257,100
1970	6,353,984 ^r	269,201 ¹	6,014	3,866,452	2,126,358	106,155	249,000
1971	6,069,714	280,130 ¹	5,288	3,583,983	2,144,080	92,063	244,300
1972	6,379,212	311,133 ¹	4,821	3,821,967	2,208,652	93,872	249,900
1973	6,009,016	336,671	3,603	3,404,808	2,240,428	88,580	271,597
1974	6,045,709	426,013	..	3,431,726	2,261,135	83,553 ^r	269,295
1975	6,048,103	515,643 ^r	..	3,508,230	2,216,154 ^r	83,453	299,011
1976	5,991,577	514,543 ^r	..	3,269,347	2,275,274 ^r	84,411	439,751
1977	6,000,103	512,044	..	3,336,283	2,292,448 ^r	80,446	373,220

¹ Represents the market price less levies collected under provincial authority. Levies by category.

² Beginning in 1975, total milk production is the total shipments from farms reported by the Milk Marketing Board plus estimates of farm home consumed and fed to livestock. Prior to 1975, production was the products reported by dairy establishments and converted to milk equivalent. No non-dairy uses were accounted for (such as candy manufacturing, milk used in cream soups, etc.) Due to the different methods of arriving at total milk production before and after 1975, figures are not strictly comparable.

³ Since 1975, farm value represents only the cash receipts for milk sold off farms. Supplementary payments are not included. Prior to 1975, farm values were estimates.

Source: Ministry of Agriculture and Food, *Agricultural Statistics for Ontario*.
 CANSIM, *Farm Value of Total Milk Production, by Province*.

Table 16.15
Crop Yields and Acreage, Ontario, 1976–1978

	Yields			Acreage		
	1976	1977	1978	1976	1977	1978
	Bushels per acre			'000's		
Wheat	47.4	51.0	41.0	516	590	335
Oats	41.3	48.0	52.0	545	450	445
Barley	42.3	48.0	53.0	371	320	360
Mixed Grain	48.0	54.0	58.0	826	810	810
Grain Corn	85.0	96.0	82.0	1,580	1,610	1,680
Fodder Corn	12.9 ²	14.0	12.0	864	865	840
Soybeans	24.0	39.0 ¹	27.0	378	550 ¹	705
White Beans	12.1 ¹	5.5 ¹	11.4	150	160	148
Hay	2.5 ²	2.7 ²	2.5	2,852	2,745	2,850

1) In hundredweights per acre.

2) In tons per acre.

Source: Ministry of Agriculture and Food, Economics Branch.

Table 16.16
Production and Disposition of Eggs, Ontario, 1972–1977

	1972	1973 ^r	1974 ^r	1975 ^r	1976 ^r	1977 ^r
Production:						
Average no. of layers ('000's)	10,544	10,623	10,347	9,546	8,921	9,032
Eggs per 100 layers	21,937	21,937	22,638	23,115	23,736	23,717
Net production ('000's doz.)	191,091	194,118	195,129	183,802	176,403	178,449
Value of production (\$'000's)	67,089	107,761	113,028	104,403	115,139	117,152
Disposition:						
Sold for consumption ('000's doz.)	177,759	181,093	182,951	172,518	164,892	166,621
(\$'000's)	57,820	96,331	101,292	91,232	101,507	103,653
Producer used for consumption ('000's doz.)	3,001	2,449	2,453	2,338	2,179	2,430
(\$'000's)	1,108	1,382	1,525	1,452	1,500	1,750
Used for hatching ('000's doz.)	10,331	10,576	9,725	8,946	9,332	9,398
(\$'000's)	8,161	10,048	10,211	11,719	12,132	11,749

Source: Ministry of Agriculture and Food, *Agricultural Statistics for Ontario*.

Table 16.17
Flower Production by Type and Total Value, Canada and Ontario, 1975–1977

	Canada			Ontario		
	1975	1976 ^r	1977	1975	1976 ^r	1977
Number						
Cut Flowers						
Carnations	22,121,186	19,123,474	17,442,037	16,020,965	13,758,575	12,520,519
Chrysanthemums	35,010,602	33,761,046	34,343,080	26,291,083	25,124,778	25,993,020
Gladioli	1,451,550	1,570,430	820,550	1,142,942	1,328,146	603,053
Iris	1,537,044	2,498,329	1,995,457	1,062,452	1,707,595	1,339,235
Narcissus and daffodils	4,510,969	3,823,284	4,470,969	843,534	800,894	851,114
Peonies	15,922	14,569	48,557	4,112	.. ¹	41,112
Roses	42,480,527	39,170,801	46,152,543	28,792,818	25,495,063	25,865,398
Snapdragons	1,074,400	711,558	843,463	650,006	412,134	586,709
Tulips	3,550,131	4,304,122	4,090,821	1,829,096	1,897,327	1,627,640
Others	2,652,576	1,684,822	2,399,749	1,524,185	839,774	1,096,764
Potted Plants						
Azaleas	410,214	426,412	655,580	252,450	239,771	481,217
Geraniums	4,755,569	5,227,704	5,283,321	3,126,235	3,328,313	3,488,852
Lilies	731,106	794,101	817,874	445,900	516,339	545,701
Pointsettias	1,846,993	2,057,617	2,010,331	1,152,775	1,309,616	1,233,486
Chrysanthemums	3,422,188	3,469,975	3,305,586	2,077,727	2,173,272	2,045,914
Tropical foliage and green plants	11,906,362	20,659,469	16,183,511	6,788,566	13,158,659	8,932,867
Others	2,287,392	2,654,376	2,386,940	1,563,912	1,491,919	1,535,805
Rooted Cuttings						
Bedding plants	114,227,854	142,529,937	157,383,596	57,004,314	68,963,376	78,147,292
Carnations	2,043,282	2,462,664	1,273,984	2,020,782	2,461,284	1,186,696
Chrysanthemums	38,256,254	38,022,042	42,156,029	38,152,363	37,984,598	42,080,213
Hanging baskets	444,511	581,148	.. ¹	93,178	424,414	..
Vegetable plants	46,721,648	54,222,182	63,169,791	26,650,183	29,492,629	35,329,708
Others	6,874,635	5,293,813	6,122,493	4,782,041	4,075,752	5,092,195
Value of ornamental and plant sales (\$)						
	109,048,532	124,234,268	138,889,552	69,686,178	77,642,509	83,793,463

Confidential.
Source: SC, *Greenhouse Industry*, Catalogue 22-202.

Fisheries and Wildlife

Highlights

Commercial Fisheries — In 1978 the value of the Ontario commercial fish harvest was \$15.4 million, representing an increase of 5.9 per cent from 1977; the fish harvest in that same period decreased 5.2 per cent from 51.9 million pounds to 49.2 million pounds. In terms of value of fish harvest, yellow perch represented \$6.0 million, 39.0 per cent of the 1977 total for Ontario. Lake Erie fishery supplied 71.5 per cent of the 1978 Ontario commercial fish harvest in terms of weight. There were 4,656 commercial fishing licences issued in 1978. This represents a 4.2 per cent increase from the 1977 mark of 4,470 and is 16.5 per cent below the 5,577 high reached in 1970.

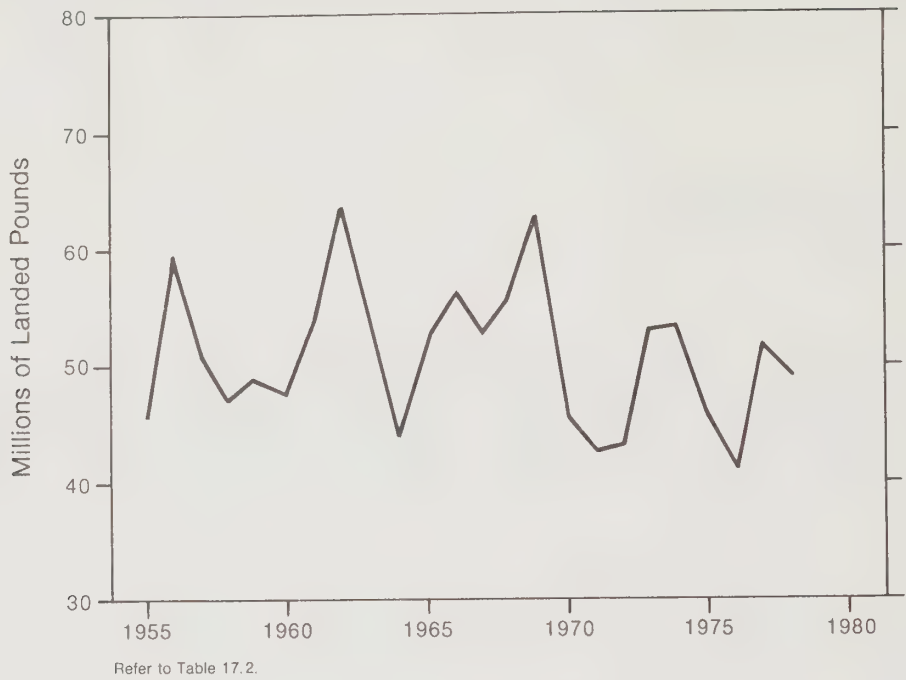
Sport Fisheries — In 1978 Ontario sold 660,839 angling licences to non-residents, up 2.5 per cent from 1976. Seasonal licences represented 70.4 per cent of the total angling licences sold to non-residents in 1977. In the absence of a resident angling licence requirement, no data is available regarding Ontario resident anglers.

Wildlife — Small game licences represented 67.5 per cent of the total number of hunting licences sold in Ontario in 1977. The number of small game licences sold in 1977 was 398,239 representing an increase of 1.3 per cent from the number sold in 1976; the number of deer licences sold to Ontario residents increased 9.8 per cent to 95,114 from 1976 to 1977 and the number of moose licences sold to Ontario residents decreased 10.5 per cent to 74,834 in the same period. The number of licences sold to non-residents dropped 19.1 per cent for moose and 10.3 per cent for deer from 1976 to 1977. The total number of deer harvested in 1977 decreased 5.2 per cent to 14,320 from 1976; of the total 1977 deer harvest 94.3 per cent were shot by resident hunters; of the 1977 moose harvested, 85.7 per cent were shot by Ontario hunters.

Fur Production — Of the total Ontario pelt value of \$10.8 million in 1978, beaver pelts represented 28.8 per cent, and muskrat pelts 24.5 per cent of the total. The average beaver pelt value in 1978 was \$20.84 and the average muskrat pelt was valued at \$5.42. Of the 827,434 wild fur pelts exported or tanned in Ontario in 1978, 58.8 per cent were muskrat and 148,901 or 18.2 per cent were beaver. Of the \$11.7 million realized from the pelts, 22.3 per cent came from muskrat pelts and 26.5 per cent came from beaver pelts. The 1978 value (\$11.6 million) of wild fur exported or tanned represented an increase of 3.2 per cent from 1977.

In Ontario in 1978, there were 200 licenced fur farms representing an increase of 7.0 per cent from 1977. In 1978, Wellington County had 16.0 per cent of the licenced Ontario fur farms followed by Perth County with 11.5 per cent, Niagara with 8.5 per cent, Norfolk with 7.5 per cent and Durham and Simcoe with 6.0 per cent. The total value of ranch-raised fox and mink pelts was \$12.6 million in 1977.

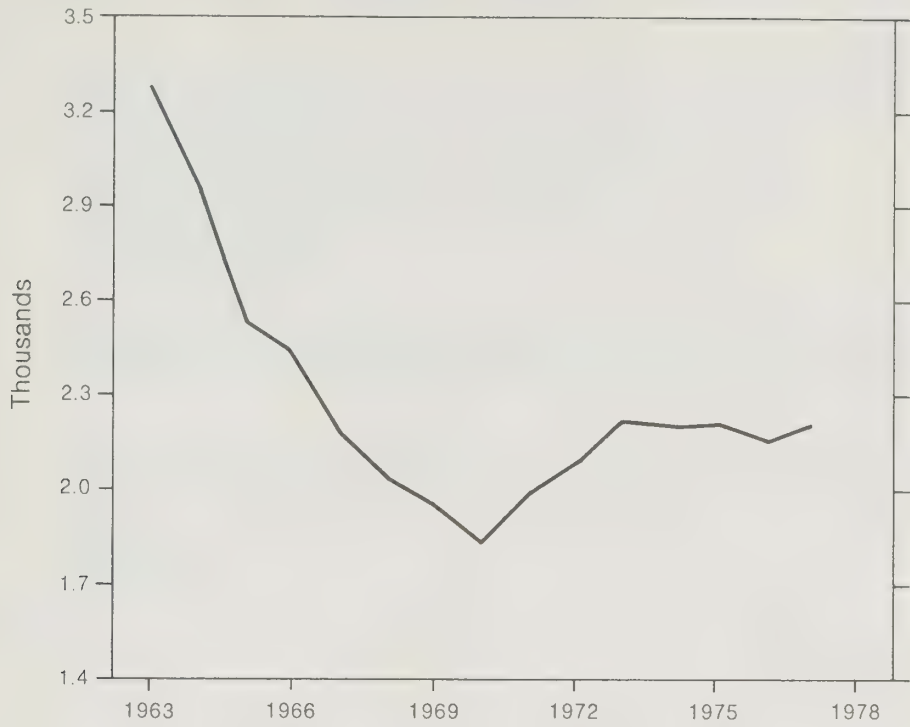
Graph 17.A
Commercial Fish Harvest, Ontario, 1955-1978



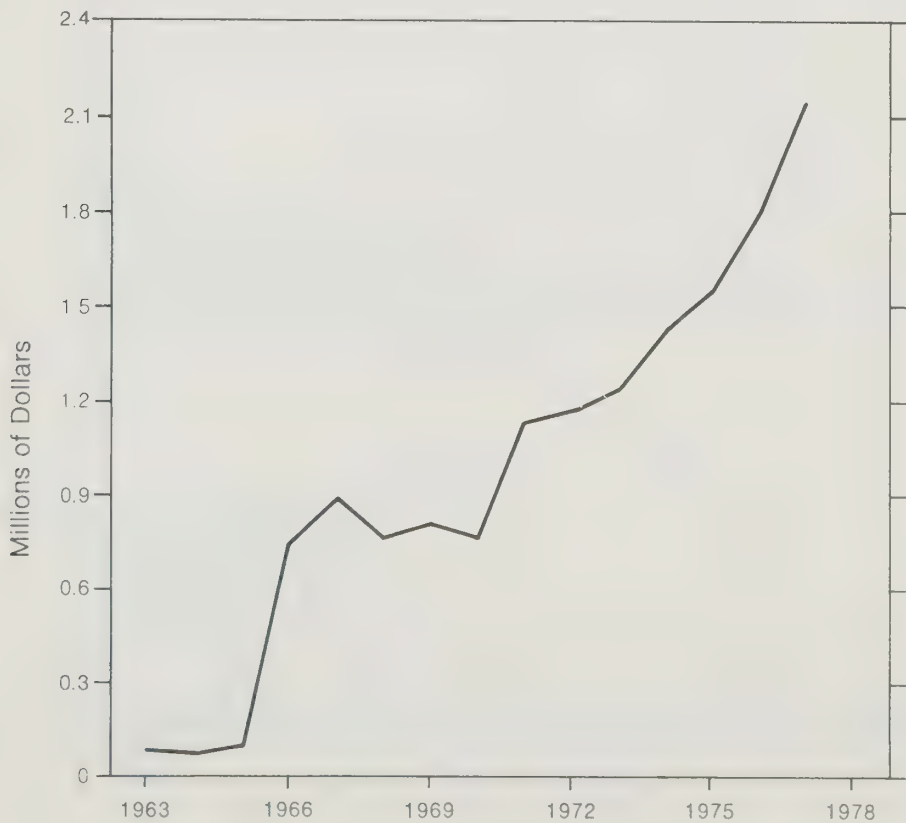
Graph 17.B
Unit Value of Commercial Fish Harvest, Ontario, 1955-1978



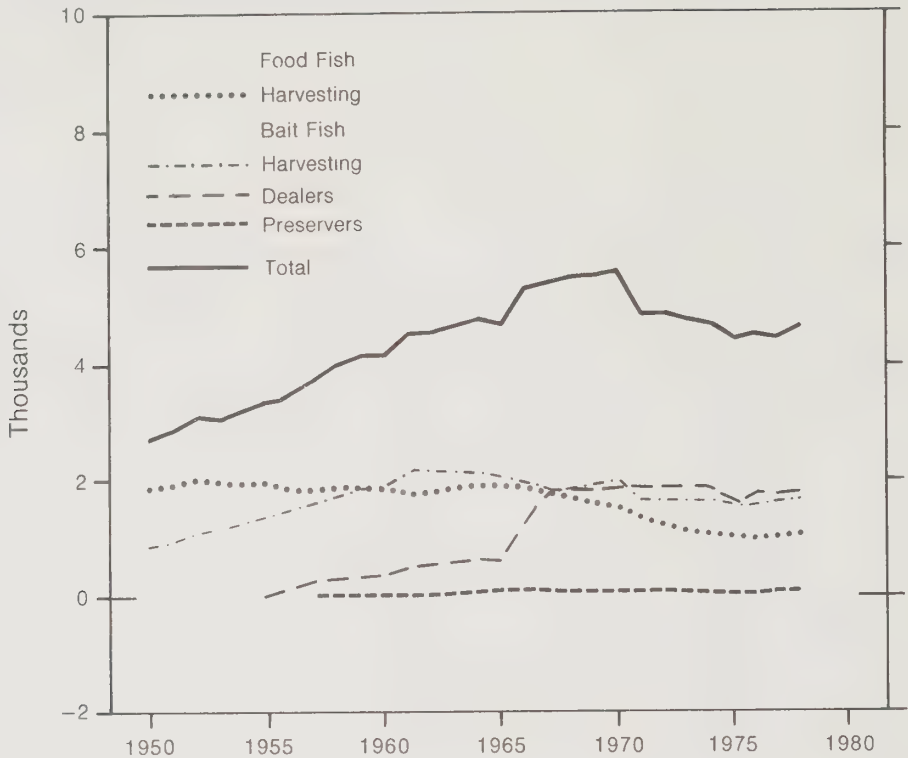
Graph 17.C
Employment in Commercial Fishery, Ontario, 1963-1977



Graph 17.D
New Investment in Commercial Fishery, Ontario, 1963-1977

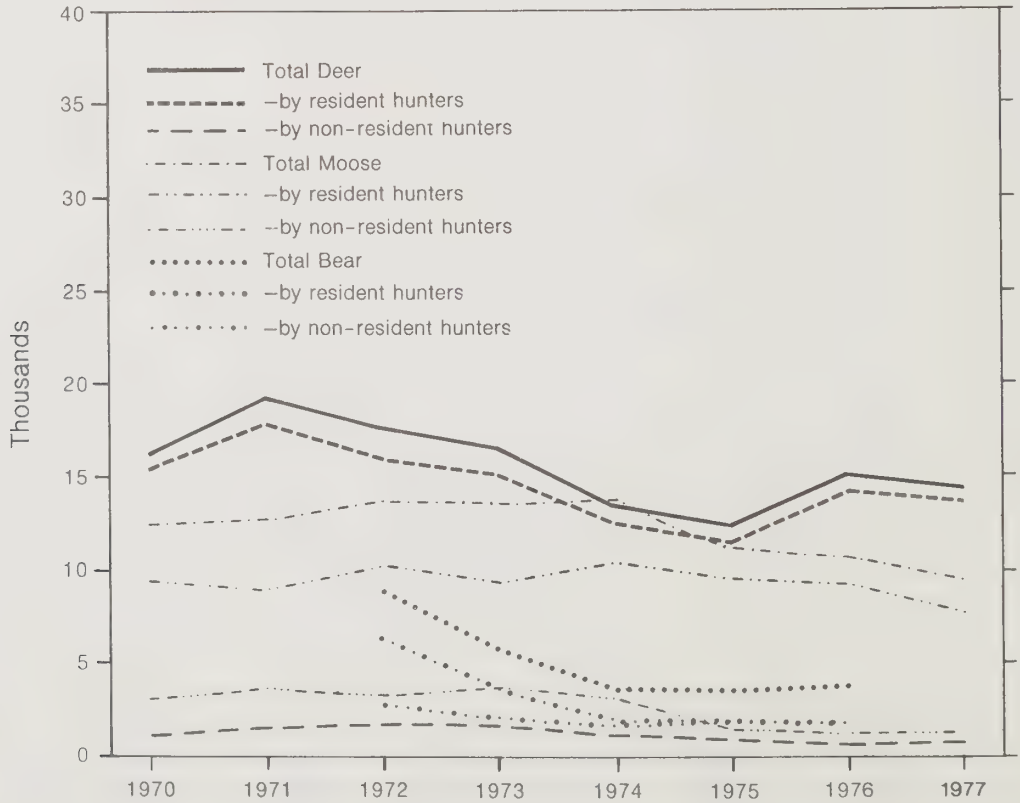


Graph 17.E
Commercial Fishing Licences, Ontario, 1950-1978



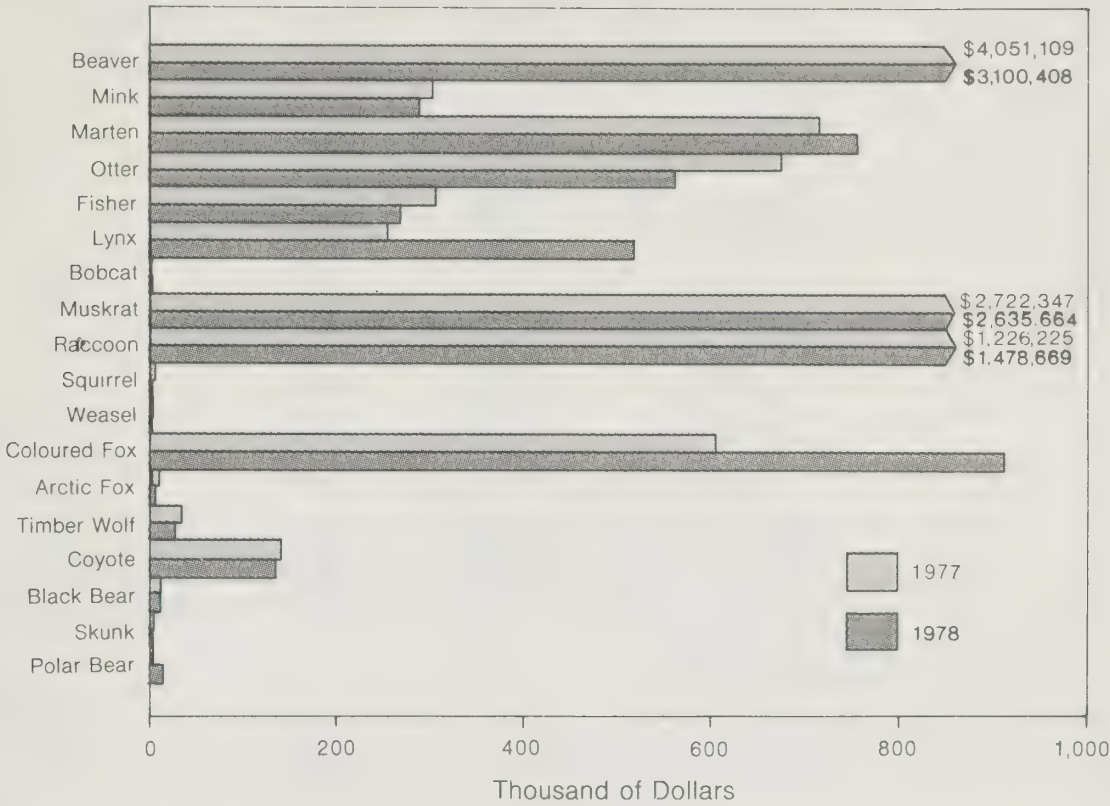
Refer to Table 17.5.

Graph 17.F
Hunting Harvest by Type, Ontario, 1970-1977



Refer to Table 17.8

Graph 17.G
Total Value of Wild Fur Pelts by Type, Ontario, 1977 and 1978



Graph 17.H
Average Pelt Value by Type, Ontario, 1977 and 1978

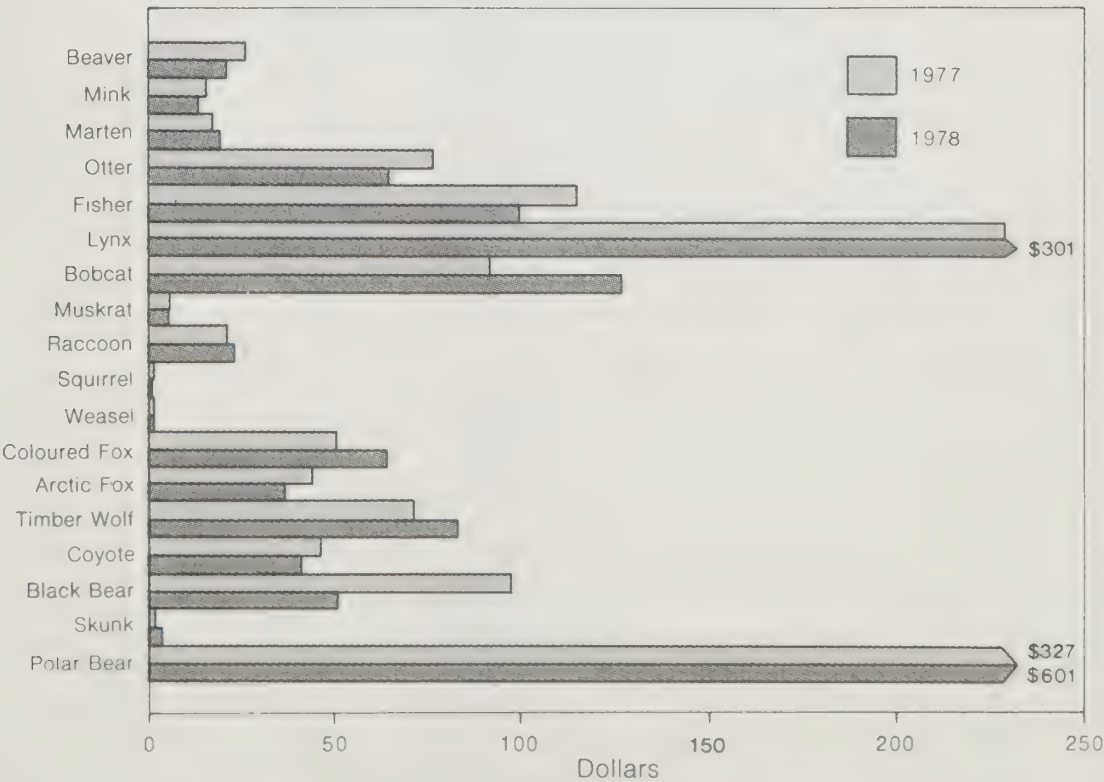


Table 17.1

Number of Angling Licences Sold to Non-Residents, Ontario, 1963–1977

	Seasonal	Three Day	Organized Camp	Canadian Non-Resident	Total
1963	405,167	69,401	4,168	..	478,736
1964	390,484	101,121	4,530	..	496,135
1965	403,894	122,219	7,041	..	533,154
1966	409,539	151,373	10,541	..	571,453
1967	411,768	156,493	10,550	..	578,811
1968	446,468	161,473	7,670	..	615,611
1969	446,024	177,353	6,998	..	603,375
1970	410,854	186,666	7,800	..	605,320
1971	420,835	224,000	7,500	..	652,335
1972	425,001	233,333	7,349	14,469	680,152
1973	464,765	211,600	6,122	19,108	701,595
1974	482,595	161,060	5,969	21,807	671,431
1975	467,776	165,527	5,810	22,637	661,750
1976	454,212	159,839	5,663	24,909	644,623
1977	465,522	164,744	5,612	24,961	660,839

Source: Ministry of Natural Resources, *Statistics*.
Ministry of Natural Resources, Fisheries Branch

Table 17.2

Commercial Fish Harvest, Ontario, 1950–1978

	Landing	Value
	'000's lbs.	\$'000
1950	32,755.8	6,252.2
1951	30,971.5	7,044.1
1952	38,044.0	7,416.1
1953	44,838.5	7,036.1
1954	47,678.9	7,012.1
1955	45,636.3	6,783.1
1956	59,717.2	7,927.1
1957	51,113.1	7,047.1
1958	47,172.2	7,274.1
1959	48,992.3	4,866.1
1960	47,397.2	4,932.1
1961	54,953.6	5,745.1
1962	63,783.5	5,341.1
1963	54,342.4	5,503.1
1964	43,510.3	5,229.1
1965	52,489.2	6,403.1
1966	56,344.0	5,994.1
1967	52,904.5	5,927.1
1968	55,705.4	5,967.1
1969	63,202.6	7,377.1
1970	46,080.8	6,530.1
1971	42,791.2	6,951.1
1972	43,196.0	8,118.1
1973	53,052.9	10,376.1
1974	53,225.6	9,654.1
1975	45,363.1	11,052.1
1976	41,105.0	12,512.1
1977	51,872.7	14,554.1
1978	49,152.6	15,411.1

Source: Ministry of Natural Resources, Fisheries Branch.

Table 17.3
Commercial Fish Harvest by Species, Ontario, 1965–1978

	1965	1966	1967	1968	1969	1970	1971
	'000's lbs.						
Bowfin	20	24	19	26	27	39	22
Bullhead	451	348	342	395	473	378	362
Burbot (Ling)	404	343	487	382	416	396	246
Carp	872	937	928	987	1,046	702	770
Catfish	243	273	250	255	220	104	156
Caviar ¹	2	1	...	...	...	...	...
Chub (Deepwater)							
Cisco)	1,892	1,265	1,165	681	461		
Coho	...	...	...	...	...	...	...
Eel	194	150	141	181	175	282	802
Freshwater Drum						151	173
(Sheepshead)	990	1,058	666	802	451	310	103
Goldeye	19	7	11	2	..	1	1
Lake Herring							
(Cisco)	1,603	1,184	1,935	2,985	2,780	3,060	2,794
Lake Trout	178	174	302	301	282	199	188
Lake Whitefish	3,236	2,812	2,625	2,906	2,957	2,870	2,312
Northern Pike	1,099	1,005	952	956	871	752	558
Rock Bass and							
Crappie	209	271	249	276	186	193	199
Round Whitefish							
(Menominee)	66	58	41	56	57	37	52
Sauger	76	59	82	70	51	57	31
Smelt	11,917	16,056	12,660	12,490	15,226	9,572	13,551
Sturgeon	94	86	76	79	90	47	42
Splake	...	...	...	...	...	...	...
Sucker (Mullet)	1,102	1,306	1,297	1,278	1,274	1,079	797
Sunfish	249	253	359	400	413	280	299
White Bass	2,733	1,806	855	819	925	210	114
White Perch	589	174	181	231	252	452	641
Yellow Perch	19,465	21,151	22,731	24,969	30,506	21,320	15,277
Yellow Pickerel							
(Walleye)	3,241	3,987	3,238	2,765	2,050	1,406	1,154
Animal Food							
(Unclassified)	1,545	1,556	1,313	1,413	2,014	2,184	2,148
Total Landings	52,489	56,344	52,905	55,705	63,203	46,081	42,792
Total Landed							
Value (\$'000's)	6,404	5,995	5,927	5,968	7,378	6,531	6,951

Table 17.3 (cont'd)
Commercial Fish Harvest by Species, Ontario, 1965–1978

	1972	1973	1974	1975	1976	1977	1978 ^p	1978 ^p
	'000's lbs.						\$'000's	
Bowfin	31	51	56	57	39	41	30	1
Bullhead	344	449	477	600	584	625	446	147
Burbot (Ling)	311	321	387	383	293	462	364	8
Carp	748	725	631	636	646	480	235	47
Catfish	156	180	187	265	136	144	183	86
Caviar ¹	...	...	...	...	...	...	...	...
Chub								
(Deepwater Cisco)	719	944	1,050	1,317	1,612	1,338	1,068	723
Coho	..	..	..	..	..	..	6	5
Eel	279	198	229	379	348	420	494	456
Freshwater Drum								
(Sheepshead)	292	543	396	408	380	408	349	14
Goldeye	..	..	1	2	--	2	-	-
Lake Herring (Cisco)	2,786	2,447	2,306	2,292	1,449	1,917	1,678	347
Lake Trout	165	209	229	233	231	249	339	228
Lake Whitefish	2,200	1,984	2,359	2,449	2,552	3,211	3,283	2,172
Northern Pike	525	647	725	608	604	693	663	262
Rock Bass and Crappie	130	137	129	187	221	191	170	100
Round Whitefish (Menominee)	67	56	66	91	138	88	80	20
Sauger	19	28	49	46	28	21	29	11
Smelt	11,051	17,557	16,902	17,333	18,245	23,540	23,506	1,916
Sturgeon	29	38	25	27	35	38	22	37
Splake	..	..	..	..	..	..	24	21
Sucker (Mullet)	975	1,085	1,170	1,333	1,347	1,420	1,069	52
Sunfish	290	360	372	478	391	284	199	50
White Bass	1,769	1,512	2,359	2,580	1,131	1,008	1,589	1,017
White Perch	292	299	293	387	748	439	482	108
Yellow Perch	16,836	19,075	13,411	9,449	6,119	9,705	9,110	6,008
Yellow Pickerel (Walleye)	1,019	1,391	1,430	1,377	1,531	2,520	1,614	1,552
Animal Food (Unclassified)	2,163	2,817	7,987	2,446	2,297	2,595	2,121	24
Total Landings	43,196	53,053	53,226	45,363	41,105	51,873	49,153	...
Total Landed Value (\$'000's)	8,118	10,376	9,654	11,052	12,513	14,555	15,412	15,412

1) Caviar included with Sturgeon from 1967.
2) This column shows the dollar value breakdown of Ontario's commercial fish harvest by species.
Source: Ministry of Natural Resources, *Statistics*.
Ministry of Natural Resources, Fisheries Branch.

Table 17.4
Commercial Fish Harvest by Waters, Ontario, 1962-1978

	Lake Ontario	Lake Erie	Lake St. Clair ¹	Lake Huron	Georgian Bay	North Channel	Lake Superior	Northern Inland Waters	Southern Inland Waters	Total	Total Value
											\$'000's
1962	1,750	44,465	1,031	3,575	348	252	3,146	8,572	644	63,784	5,341
1963	2,046	35,301	1,043	2,948	555	172	2,973	8,440	863	54,342	5,504
1964	2,015	25,381	946	3,018	735	214	2,682	7,938	582	43,510	5,230
1965	2,647	35,096	886	2,286	993	289	2,270	7,584	438	52,489	6,404
1966	1,625	41,426	939	1,958	751	209	1,846	7,010	580	56,344	5,995
1967	1,832	37,770	810	1,744	715	207	2,568	6,625	634	52,905	5,927
1968	2,009	39,415	1,121	1,455	728	247	3,365	6,811	554	55,705	5,968
1969	2,270	48,026	919	1,436	581	313	2,951	6,078	629	63,203	7,378
1970	2,905	31,755	87	1,252	498	375	3,382	5,391	436	46,081	6,531
1971	2,906	29,076	...	1,306	1,069	382	3,367	4,064	622	42,792	6,951
1972	2,547	30,182	...	1,072	959	367	3,656	3,882	532	43,196	8,118
1973	2,356	39,829	...	1,120	1,069	350	3,537	4,267	524	53,053	10,376
1974	2,364	38,686	...	1,730	1,025	616	3,942	4,411	451	53,226	9,654
1975	2,777	30,549	...	1,830	1,142	362	3,769	4,532	402	45,363	11,052
1976	2,914	25,711	...	2,217	1,082	585	3,891	4,310	395	41,105	12,513
1977	2,461	35,854	...	2,371	1,013	502	3,863	5,436	373	51,873	14,555
1978 ^p	2,303	35,165	...	2,490	615	303	3,481	4,507	289	49,153	15,412

¹ In the late spring of 1970, the commercial fish harvest in Lake St. Clair was closed because of mercury pollution.

Source: Ministry of Natural Resources, Fisheries Branch.

Table 17.5
Commercial Fishing Licences, Ontario, 1950–1978

	Food-Fish			Bait-Fish					Total Licences	Total Revenue
	Harvesting		Harvesting ¹		Dealers ²	Preser- vers ³	Revenue from Sale of Licences			
	Licences	Revenue from Sale of Licences	Licences	Revenue from Sale of Licences						
		\$		\$			\$		\$	
1950	1,856	..	866	..	..	..	..	2,722	..
1951	1,911	..	983	..	..	..	..	2,894	..
1952	2,010	..	1,105	..	..	..	..	3,115	..
1953	1,961	..	1,137	..	..	..	..	3,098	..
1954	1,952	..	1,248	..	..	..	..	3,200	..
1955	1,973	..	1,374	..	32	..	320	3,379	..	
1956	1,825	..	1,457	..	188	..	1,880	3,470	..	
1957	1,816	..	1,612	..	256	42	2,770	3,726	..	
1958	1,899	..	1,756	..	324	50	3,490	4,029	..	
1959	1,883	..	1,841	..	387	59	4,165	4,170	..	
1960	1,828	..	1,853	..	419	76	4,950	4,176	..	
1961	1,784	..	2,181	..	510	88	5,540	4,563	..	
1962	1,780	..	2,133	..	557	84	5,990	4,554	..	
1963	1,862	..	2,125	..	591	101	6,415	4,679	..	
1964	1,900	..	2,114	..	651	121	7,115	4,786	..	
1965	1,881	..	2,028	..	613	125	6,755	4,647	..	
1966	1,882	..	1,977	..	1,396	121	14,565	5,316	..	
1967	1,747	..	1,807	..	1,729	124	17,910	5,407	..	
1968	1,689	..	1,859	..	1,805	116	19,240	5,472	..	
1969	1,609	..	1,908	..	1,861	126	19,870	5,504	..	
1970	1,560	..	1,993	..	1,895	129	20,240	5,577	..	
1971	1,267	53,567	1,607	30,509	1,813	126	18,760	4,813	102,836	
1972	1,204	51,133	1,612	31,672	1,876	120	19,360	4,812	102,165	
1973	1,149	52,941	1,611	32,887	1,868	111	19,235	4,739	105,063	
1974	1,116	50,995	1,623	33,687	1,832	110	18,870	4,681	103,552	
1975	1,121	52,155	1,590	32,002	1,606	96	16,540	4,413	100,697	
1976	1,086	53,302	1,595	33,254	1,753	107	18,065	4,541	104,621	
1977	1,056	53,758	1,605	35,945	1,731	98	17,800	4,470	107,503	
1978	1,048	56,064	1,679	39,476	1,832	99	18,815	4,656	114,355	

1) Licences to catch bait fish.
2) Licences to buy and sell bait fish.
3) Licences to allow the preserving of bait fish.

Source: Ministry of Natural Resources, Fisheries Branch.

Table 17.6
Employment and Investment in Commercial Fishery, Ontario, 1963-1977

	Men	Boats 40' and over	Boats under 40'	Gill Nets '000's yds.	Pound Nets	Trap Nets	Hoop Nets	Seine Nets '00's yds.	Freezers and Ice Houses	Wharves and Piers	Net Sheds	New Invest- ment	Total Value
													\$'000's
1963	3,271	224	1,718	9,200	745	694	1,943	158	511	439	747	96	10,360
1964	2,952	229	1,587	9,110	873	512	1,889	157	549	493	731	89	10,220
1965	2,544	223	1,660	9,256	866	521	2,002	168	492	459	681	104	10,076
1966	2,445	229	1,419	9,489	764	493	1,820	191	465	431	663	751	11,078
1967	2,197	220	1,406	9,810	715	565	2,146	169	434	429	650	898	11,456
1968	2,044	217	1,313	8,888	734	552	1,915	226	430	403	651	770	11,594
1969	1,959	207	1,190	8,419	790	479	1,740	172	402	382	628	810	11,584
1970	1,836	222	1,078	8,823	727	469	1,484	110	418	384	610	774	11,952
1971	1,999	231	907	9,247	118	400	1,461	84	308	350	578	1,142	12,397
1972	2,097	222	971	9,511	119	467	1,511	103	309	303	553	1,179	12,972
1973	2,215	210	994	9,372	98	451	1,478	78	310	275	564	1,235	14,131
1974	2,208	176	992	10,302	117	455	1,574	64	326	287	515	1,438	16,779
1975	2,220	198	966	10,117	104	466	1,715	76	355	250	477	1,557	18,253
1976	2,171	207	895	10,855	71	460	1,523	82	327	257	461	1,806	21,651
1977	2,213	209	946	10,643	120	504	1,532	75	303	278	460	2,145	23,770

Source: Ministry of Natural Resources, *Statistics*,
Ministry of Natural Resources, Fisheries Branch.

Table 17.7
Number of Hunting Licences Sold by Type, Ontario, 1953-1977

	Deer		Moose		Bear		Small Game		Total	
	Resi- dent	Non-Res- ident	Resi- dent	Non-Res- ident	Resi- dent	Non-Res- ident	Resi- dent	Non-Res- ident	Resi- dent	Non-Res- ident
1953	92,785	8,300	5,196	637	..	2,490	256,341	3,810	354,322	15,237
1954	92,800	10,400	7,500	730	..	1,520	284,000	5,300	384,300	17,950
1955	105,150	8,050	9,000	990	..	1,750	318,000	6,010	432,150	16,800
1956	98,079	7,426	13,441	1,521	..	2,031	316,778	5,905	428,298	16,883
1957	106,620	6,743	17,367	1,890	..	2,703	341,838	6,092	465,825	17,428
1958	109,322	6,044	22,688	2,362	..	4,803	377,589	5,503	509,599	18,712
1959	102,960	5,988	26,349	3,431	..	4,089	378,666	6,243	507,975	19,751
1960	114,400	6,004	31,948	4,212	..	3,828	383,205	7,286	529,553	21,330
1961	106,160	5,788	38,977	5,775	..	3,607	377,047	7,103	522,184	22,273
1962	121,735	5,913	39,470	6,675	307	1,922	383,150	7,538	544,662	23,912
1963	114,510	6,351	43,144	7,261	354	2,038	416,019	7,685	574,027	23,335
1964	124,182	6,562	40,188	7,639	414	2,208	399,521	7,998	564,305	24,407
1965	130,636	7,242	42,354 ¹	9,127 ^r	583	2,697	424,806	9,551	616,306	29,547
1966	137,429	8,858	48,498	12,698	813	3,960	435,202	12,248	621,942	37,764
1967	139,253	9,001	51,602	12,875	964	4,924	440,378	12,487	632,197	39,287
1968	102,579	7,672	51,795	14,923	1,142	8,394	384,867	13,281	540,383	44,270
1969	97,659	6,572	49,867	15,103	1,359	9,448	360,192	12,900	509,077	44,023
1970	88,020	5,500	56,198	10,037	1,517	14,585 ¹	361,997	7,500	507,732	37,622
1971	84,655	5,750	57,477	11,130	1,372	14,585	369,192	7,700	512,696	39,165
1972	87,767	5,921	65,787	12,755	1,121	9,299	361,530	8,717	516,205	36,692
1973	88,448	5,590	80,320	17,071	1,343	9,405	376,406	8,341	546,517	40,407
1974	89,149	4,907	83,921	15,614	1,443	8,484	369,624	7,939	544,137	36,944
1975	91,490	4,617	82,750	7,934	1,585	9,115	388,065	8,752	563,890	30,418
1976	86,642	5,017	83,618	7,897	1,869	9,325	384,021	9,046	556,150	31,285
1977	95,114	4,501	74,834	6,392	1,872	8,977	389,014	9,225	560,834	29,095

1 Includes spring and fall hunting.

Source: Ministry of Natural Resources, *Statistics*.
Ministry of Natural Resources, Financial Management Branch.

Table 17.8
Hunting Harvest by Type, Ontario, 1969–1977

	Moose Harvest			Deer Harvest			Bear Harvest ¹		
	By Resident Hunters	By Non-Resident Hunters	Total Harvest	By Resident Hunters	By Non-Resident Hunters	Total Harvest	By Resident Hunters	By Non-Resident Hunters	Total Harvest
1969	8,520	3,830	12,350	16,640	1,470	18,110	..	..	..
1970	9,400	3,070	12,470	15,430	880	16,310	..	..	..
1971	9,060	3,720	12,780	17,980	1,450	19,430	..	..	..
1972	10,320	3,470	13,790	16,070	1,630 ²	17,700 ²	6,330	2,620	8,950
1973	9,770	3,800	13,570	15,140	1,530 ²	16,670 ²	3,680	2,120	5,800
1974	10,510	3,090	13,600	12,530	1,050 ²	13,580 ²	..	..	..
1975	9,770	1,490	11,260	11,740	830 ²	12,570 ²	1,870	1,760	3,630
1976	9,420	1,450	10,870	14,180	930	15,110	1,981	1,836 ^p	3,817 ^p
1977	7,730	1,290	9,020	13,510	810	14,320	..	..	..

1) Includes bear harvested on moose-bear, deer-bear and moose licences.

2) Includes deer harvested on moose licences.

Source: Ministry of Natural Resources, *Statistics*.
Ministry of Natural Resources, Wildlife Branch.

Table 17.9
Wild Fur Harvest and Value, Ontario, 1978

	Average Pelt Value	Number Trapped	Value
	\$		\$
Beaver	20.84	148,772	3,100,408.48
Mink	13.97	20,727	289,556.19
Marten	19.47	39,195	763,126.65
Otter	64.93	8,664	562,553.52
Fisher	100.41	2,711	272,211.51
Lynx	301.00	1,732	521,332.00
Bobcat	126.38	17	2,148.46
Muskrat	5.42	486,285	2,635,664.70
Raccoon	23.31	63,435	1,478,669.85
Squirrel	1.48	4,169	6,170.12
Weasel	1.35	3,771	5,090.85
Coloured Fox	64.12	14,312	917,685.44
Arctic Fox	37.06	208	7,708.48
Timber Wolf	83.65	329	27,520.85
Coyote	42.31	3,272	138,438.32
Black Bear	50.61	249	12,489.84
Skunk	3.29	233	766.57
Polar Bear	601.90	24	14,445.60
Wolverine	164.60	11	1,810.60
Grey Fox	64.12	1	64.12
Total	...	789,117	10,757,862.15

Source: Ministry of Natural Resources, Wildlife Branch.

Table 17.10
Wild Fur Exported or Tanned, Ontario, 1976–1978¹

	1976 ²		1977 ³		1978 ⁴	
	Quantity	Value	Quantity	Value	Quantity	Value
		\$		\$		\$
Black Bear	..	..	614	47,892	353	17,706
Polar Bear	..	..	15	4,900	10	6,019
Beaver	138,837	2,928,072	155,203	4,098,911	148,901	3,103,097
Bobcat	20	2,062	23	2,130	25	3,160
Coyote	..	..	2,894	138,507	3,565	150,835
Fisher	2,219	251,679	2,574	295,392	2,690	270,103
Arctic Fox	153	5,104	70	3,088	226	8,376
Coloured Fox	11,774	650,631	12,935	669,386	16,357	1,048,811
Lynx	1,125	260,921	1,188	271,173	1,738	523,138
Marten	21,858	334,209	40,481	715,299	38,179	743,345
Mink	15,743	178,526	18,960	303,360	21,583	301,515
Muskrat	449,291	1,936,444	490,469	2,506,297	480,669	2,605,226
Otter	7,994	701,154	9,088	688,961	8,896	577,617
Raccoon	64,728	1,232,421	69,587	1,488,466	96,099	2,240,068
Squirrel	..	..	5,701	3,478	3,548	5,251
Weasel	-	-	5,121	2,612	3,342	4,512
Timber Wolf	..	..	1,209	88,015	971	81,224
Skunk	3	5	149	224	274	901
Wolverine	-	-	9	1,627	8	1,317
Total	713,745	8,481,228	816,290	11,329,717	827,434	11,692,220

- 1) Year ending June 30.
- 2) Total royalties collected: \$265,499.
- 3) Total royalties collected: \$481,745.
- 4) Total royalties, collected: \$558,553.

Source: Ministry of Natural Resources, Wildlife Branch.

Table 17.11
Production of Ranch-Raised Fox and Mink Pelts, Ontario, 1961–1977

	Mink			Fox	
	Fur Farms	Pelts Produced	Value	Pelts Produced	Value
			\$		\$
1961	508	388,981	5,689,643	746	7,460
1962	500	384,473	5,733,213	603	6,030
1963	505	432,666	6,836,316	413	6,232
1964	498	407,085	5,991,945	435	18,867
1965	493	479,760	7,948,552	407	21,656
1966	491	566,262	6,839,569	539	20,132
1967	477	631,386	7,099,763	690	23,653
1968	417	568,089	7,673,593	674	24,493
1969	385	585,436	6,067,073	600	20,202
1970	352	534,867	5,105,431	547	17,061
1971	290	438,650	5,557,695	583	22,801
1972	253	414,139	6,763,163	642	42,757
1973	235	431,572	7,738,256	679	66,806
1974	212	473,321	7,516,337	950	99,626
1975	183	418,287	8,369,923	931	169,209
1976	184	414,058	10,782,325	1,122	261,953
1977	187	420,743	12,222,584	1,269	380,700

Source: Ministry of Agriculture and Food, Veterinary Services Branch.

Table 17.12
Licensed Fur Farms, by County, Ontario, 1964-1978

	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Ontario	498	493	491	477	417	385	352	290	253	235	212	182	184	187	200
Algoma	1	3	3	3	2	-	-	-	-	-	-	-	-	-	-
Brant	11	9	9	8	8	8	8	7	6	5	4	3	3	3	3
Bruce	23	23	24	25	21	19	17	13	11	8	7	5	5	5	6
Cochrane	1	1	1	1	1	1	1	-	-	-	-	-	-	-	2
Dufferin	6	7	7	6	4	5	5	3	2	2	2	1	1	1	1
Dundas	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-
Durham	10	14	17	15	15	13	14	12	11	10	12	8	8	11	12
Elgin	3	3	3	4	4	4	4	2	1	1	1	1	1	1	2
Essex	12	12	12	11	12	12	11	11	9	9	7	7	6	8	6
Frontenac	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3
Glengarry	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-
Grenville	4	2	1	1	1	-	-	1	1	-	-	-	-	-	-
Grey	21	24	20	19	18	19	17	11	10	9	8	6	5	5	6
Haldimand	10	11	12	13	10	11	10	8	9	10	9	10	10	11	11
Haliburton	2	2	1	1	-	-	-	1	-	-	-	-	1	1	1
Halton	25	28	25	24	18	17	14	9	7	6	5	3	3	3	3
Hastings	1	1	-	-	1	2	2	1	1	-	-	-	-	-	-
Huron	10	10	11	11	9	7	7	8	8	8	6	4	4	4	3
Kenora	2	2	2	2	1	1	1	1	1	-	-	-	-	-	1
Kent	13	14	13	10	8	8	8	6	6	5	5	4	5	5	5
Lambton	3	4	3	2	1	2	3	1	-	-	-	-	-	-	-
Lanark	3	2	3	3	3	4	2	1	1	1	1	1	1	1	1
Leeds	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1
Lennox-Addington	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-
Manitoulin	5	5	4	4	4	4	4	1	1	1	1	1	1	1	1
Middlesex	22	21	22	21	16	13	10	7	7	7	4	2	3	3	3
Muskoka	2	2	2	1	-	-	-	-	-	-	-	-	-	-	-
Niagara ¹	41	45	41	39	37	34	32	28	24	23	20	18	20	17	17
Nipissing	6	3	5	3	3	2	3	2	2	2	2	2	2	2	2

Table 17.12 (cont'd)
Licenced Fur Farms, by County, Ontario, 1964-1978

	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Norfolk	12	13	12	10	10	11	11	10	9	8	7	7	7	11	15
Northumberland	1	1	1	1	1	1	1	1	1	-	-	-	-	-	-
Ontario	20	17	15	18	16	15	12	11	9	8	6	5	5	2	1
Ottawa-Carleton	-	-	1	-	-	-	-	-	-	1	1	1	1	1	1
Oxford	17	13	13	13	11	10	11	9	7	7	6	6	5	6	6
Parry Sound	5	6	6	7	5	4	2	2	1	1	1	1	1	-	-
Peel	9	9	10	9	4	4	2	2	2	1	1	1	1	1	1
Perth	38	38	43	42	37	35	33	31	26	28	27	24	23	22	23
Peterborough	1	1	1	2	2	3	3	-	-	-	-	-	-	-	-
Prescott	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rainy River	1	1	1	1	1	1	1	-	-	-	-	-	-	-	-
Renfrew	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Russell	-	-	-	-	-	-	17	16	14	14	12	11	11	11	12
Simcoe	30	22	23	23	22	19	-	-	-	-	-	-	-	-	-
Stormont	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sudbury	3	2	2	2	2	1	-	1	-	-	-	-	-	-	-
Thunder Bay	9	8	9	8	7	5	4	2	2	2	2	-	-	-	4
Timiskaming	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Toronto ²	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Toronto	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3
Victoria	21	21	21	21	17	15	12	10	10	8	7	6	7	7	8
Waterloo	40	43	45	48	47	46	45	38	36	34	33	32	33	32	32
Wellington	19	16	13	14	11	8	9	9	7	6	5	4	3	4	3
Wentworth	25	26	24	22	19	12	8	7	4	4	5	3	3	1	-
York															

1) Niagara includes Lincoln and Welland.

2) Toronto included in York.

Source: Ministry of Agriculture and Food, Veterinary Services Branch.

Forestry and Mining

Highlights

- **Forestry** — Ontario's primary forest production of 14.0 million cubic metres represented 15.6 per cent of the national total of 89.9 million cubic metres in 1961; however, by 1977, Ontario's share of the national total had diminished to 14.7 per cent or 17.9 million cubic metres. In 1976, Ontario inventory data showed 2.1 billion cubic metres of economically accessible softwoods and 1.6 billion cubic metres of economically accessible hardwoods, 15.4 and 42.0 per cent, respectively, of the national total. Ontario's 1976 allowable cut was 30.3 million cubic metres of softwoods and 35.6 million cubic metres of hardwoods.

Ontario employed 22,201 or 27.6 per cent of all people in the pulp and paper mill industry in Canada in 1970. In 1977, data indicated that this proportion had fallen to 25.6 per cent. In 1976 Ontario had 222 sawmill and planing mill establishments, accounting for 18.3 per cent of all such establishments in the country; and employed 10.0 per cent of the workforce employed by this industry throughout Canada. In 1977 there were 215 sawmills and planing mills in Ontario representing 19.0 per cent of such mills in Canada. The Ontario mills employed 6,221 workers or 10.3 per cent of the Canadian total.

Paper production in Ontario rose by 14.7 per cent to 2.9 million tons from 1961 to 1976. In 1977 newsprint accounted for 52.2 per cent of the total Ontario production of paper, followed by printing and writing paper with 20.8 per cent, paper board with 20.3 per cent, and wrapping paper with 2.2 per cent.

In 1976, 17.9 million cubic metres of merchantable timber were utilized in Ontario, an increase of 25.8 per cent from the previous year. In 1977 utilization rose to 21.8 million cubic metres, an increase of 22.0 per cent from the 1976 total.

Of the 10,262 forest fires in Canada in 1976, 3,985 or 38.8 per cent were in Ontario. The Ontario forest fires burned 1,344,518 acres or 30.0 per cent of the Canadian total. In 1977 there were 2,049 forest fires in Ontario, a decrease of 48.6 per cent over 1976. These fires claimed 38,416 acres of Ontario forest land.

- **Mining** — From 1970 to 1978 the value of mineral production rose 63.2 per cent to \$2.6 million. Nickel and uranium recorded the highest output values of all minerals mined in 1978 in Ontario. Nickel had a 1977 value of \$927.5 million, and copper had a 1977 value of \$428.0 million. Data for 1978 showed values of \$489.6 million and \$318.8 million respectively.

1978 preliminary data showed the production value of metallics was the highest of any mineral in Ontario, accounting for \$2.0 million or 76.6 per cent of the total value of \$2.6 million.

The value of non-metallic minerals in Ontario has increased from \$89.6 million in 1977 to \$97.5 million in 1978. Ontario's percentage of the Canadian total fell from 6.6 per cent in 1977 to 6.3 per cent in 1978.

The total value of structural materials produced in Canada in 1978 was \$1.4 billion of which Ontario accounted for 35.6 per cent. Within Ontario in 1978, cement had the highest value, \$156.4 million, representing 32.4 per cent of the total value; the value of sand and gravel was next at 27.4 per cent of the total.

Definitions

Forest Land — The 1973 National Forest Inventory reported an area of 1,259,192 sq. miles of forest land. Of this, 59,742 sq. miles are reserved by legislation for primary uses other than timber production.

On the basis of present inventories, it is estimated that the balance is comprised of 607,081 square miles of primary forest land, 76,637 square miles of secondary forest land and 515,732 square miles of tertiary forest land. Primary forest land is normally located within 50 miles of a designated or existing major wood conversion centre. Secondary forest land is located beyond 50 miles but less than 75 miles and tertiary forest land is more than 75 miles, from a wood-using centre.

Total Wood Volume — Is calculated from inventories taken in productive forest land. Three access categories are used in describing this resource; these are economically accessible, economically inaccessible and reserved. (see below).

Allowable Cut – The volume of wood that may be harvested under management for a given period.

Productive Forest Land – Stocked land that is capable of producing a merchantable stand within a reasonable length of time.

Economically Accessible – Forest management units from which the annual allowable cut can be profitably harvested (at the time of the survey).

Economically Inaccessible – Forest management units from which the annual allowable cut cannot be profitably harvested (at the time of the survey).

Reserved Land – Forest land that, by law, is not available for the growing and harvesting of forest crops (this includes such areas as parks, wilderness areas, fragile areas and restricted zones).

The Logging Industry – The Logging Industry includes establishments primarily engaged in felling and bucking, bunching, yarding, forwarding, decking and loading of roundwood and establishments primarily engaged in the recovery of lost logs including sinkers. Establishments primarily engaged in transporting wood with specialized logging trucks and in driving, booming, sorting, rafting and towing of wood – if not licensed as public carriers – are included also, as are barking mills engaged in producing barked or rossed pulpwood.

Establishment – Smallest operating unit of reporting certain specified input and output data. The number of establishments represents the number of operating units that are principally engaged in logging activities. These units do not represent the total number engaged in logging operations. Numerous logging operations are conducted by establishments classified to other industries, (e.g. the planing and sawmill industry) and by farmers and other individuals.

Employees - Production and related workers - Logging Activity – In addition to those engaged in production, they include employees engaged in maintenance, repair, janitorial, cooking and watchman services and working foremen engaged in similar work to that of the employees they supervise. Beginning with 1976, the average number of production and related workers engaged in logging is calculated by dividing the reported number of man-hours paid during the year by 1920 in British Columbia and 2000 in the other provinces. The number of man-hours paid is calculated on the basis of 8 hours per day in British Columbia and 9 hours per day in other provinces. It should be noted that the division of hours paid into production and related workers' payrolls results in average hourly earnings and does not represent hourly wage rates which are collected and published by the Department of Labour and which are based on selected occupations.

Materials and Supplies - Logging activity – Figures represent quantities and laid down cost values, at the establishment level, of materials and supplies purchased during the year for use in logging activities and related processes. This includes purchases of food, van supplies, etc. as well as payments for stumpage and royalties. These statistics represent only commodity items or physical goods (cost of services or overhead charges such as advertising, insurance, depreciation, etc., are not included) whether purchased from others or received as transfers from other establishments of the reporting company. Included are maintenance and repair supplies not chargeable to fixed assets accounts and any amounts paid to others for logging work done on a contract basis. Cost of repairs or maintenance done by outside contractors is not included.

Value of Shipments – These figures represent deliveries of wood produced either by the reporting establishment or by contractors on the basis of a charge to the reporting establishment for work done as well as wood purchased from various sources. Included are revenue from repair work and amounts received in payment for work done on materials owned by other establishments.

All products shipped from the establishment are covered, including transfer shipments to other logging establishments or to log supply divisions, sawmills, shingle mills, veneer and plywood mills, pulp and paper mills, etc., of the reporting firm, when such units are treated as separate establishments. The value of shipments are net of allowances, sales tax, excise taxes and duties, and charges for outward transportation by common or contract carriers. Transportation or delivery expenses incurred by the reporting establishment's own carriers are included.

Value Added -

(a) By logging activities

Figures are compiled by deducting the cost of the purchases of logging materials, supplies, etc. and fuel and electricity from the value of shipments (adjusted for changes in the value of inventories).

(b) By total activities

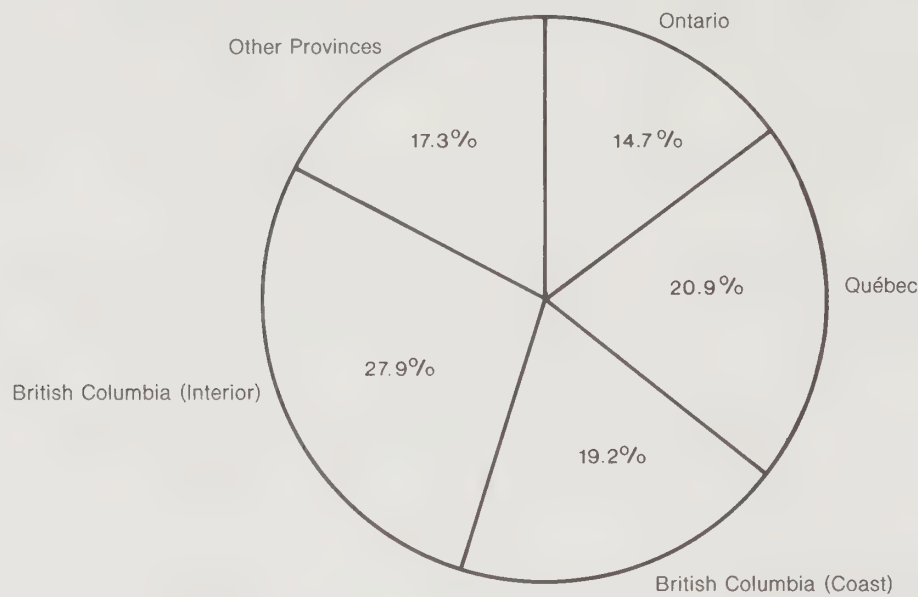
Consists of: (1) value added, logging activity and (2) value added, non-logging activity. The latter is calculated by subtracting relevant commodity inputs from non-logging revenues or output; these commodity inputs are net of the change in inventories of goods purchased for resale. Non-logging revenues include depreciable fixed assets produced by own work force

for own use, revenue from sale of purchased wood residue (wood chips, etc.) but exclude non-operating revenue such as real property rentals, dividends, interest.

Logs and Bolts – The category Logs and Bolts includes considerable quantities of logs which will be used as pulpwood and, as a consequence, the category pulpwood appears to be smaller than it ought to be. This is due to the fact that many integrated operations in reporting production and deliveries do not distinguish between sawlogs, veneer logs and pulpwood. While this is most prevalent in British Columbia, a similar practice is developing in some of the other provinces.

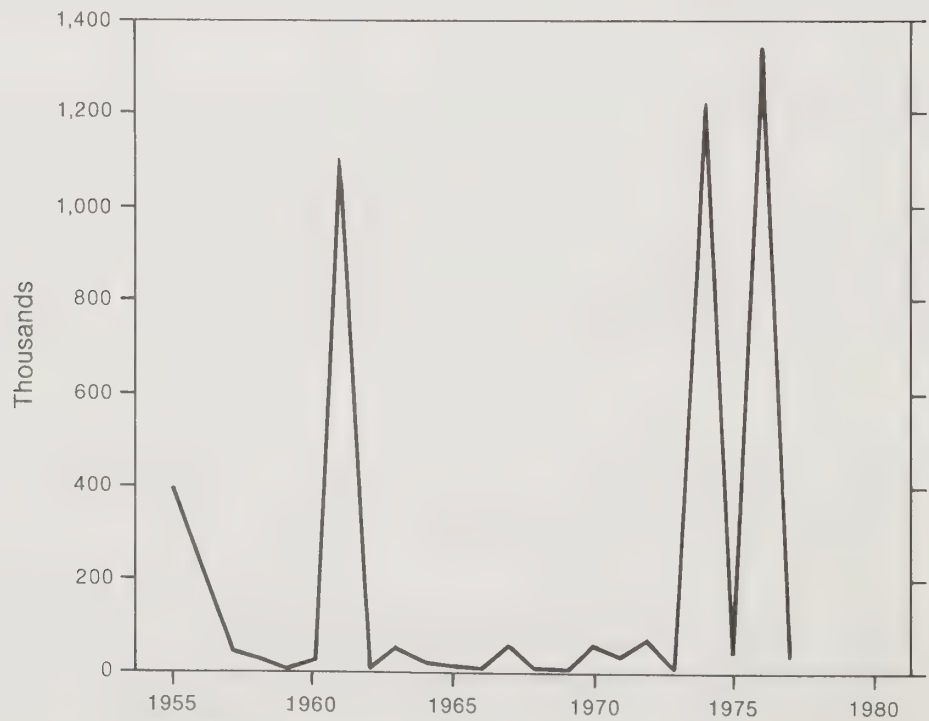
Cunit – One hundred cubic feet of solid wood excluding bark.

Graph 18.A
Estimates of Primary Forest Production, Canada, Ontario, Québec
and British Columbia, 1977



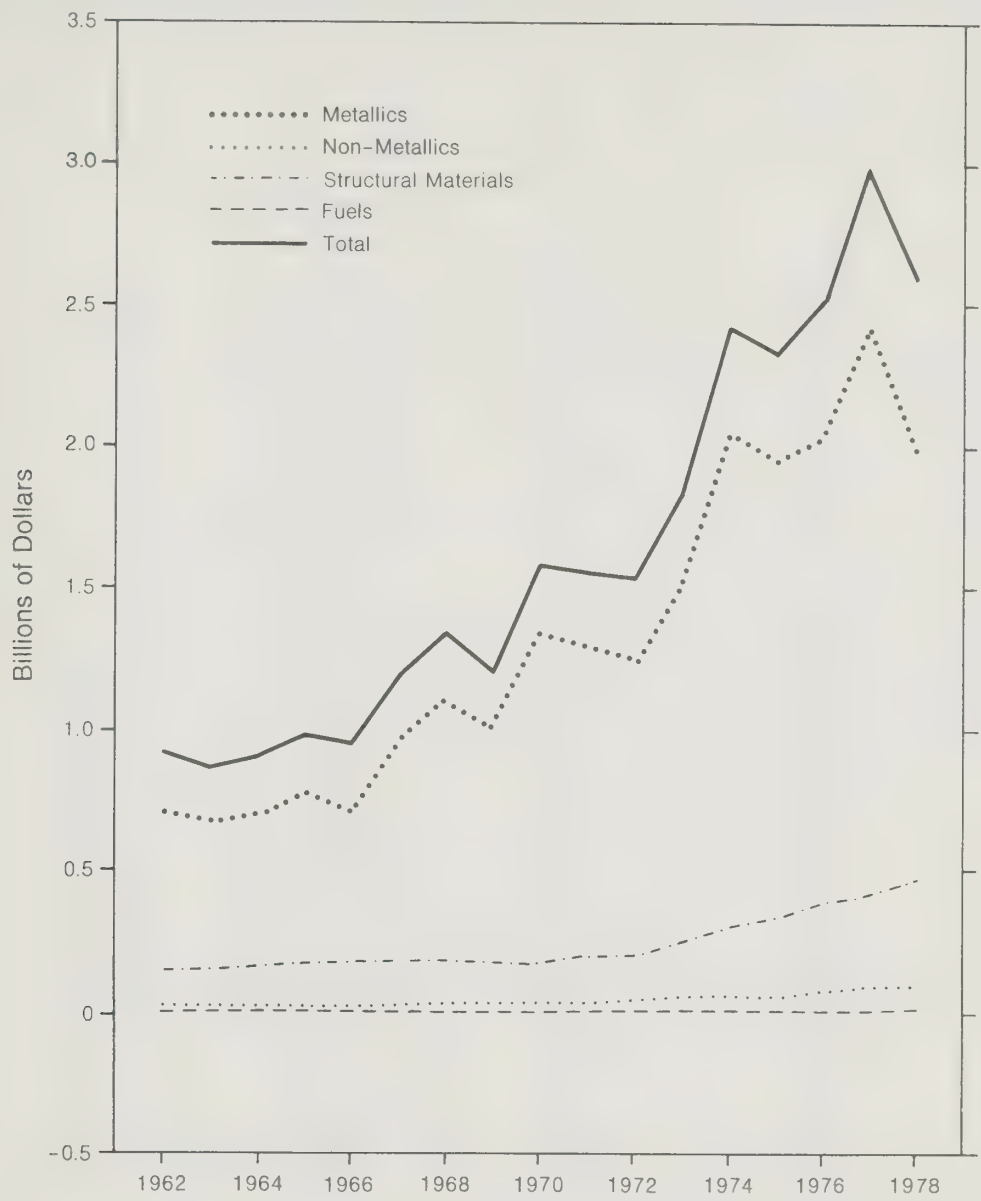
Refer to Table 18.1.

Graph 18.B
Forest Fires, Acres Burned, Ontario, 1955-1977



Refer to Table 18.9.

Graph 18.C
Value of Mineral Production, Ontario, 1962-1978



Refer to Table 18.11

Table 18.1

Estimates of Primary Forest Production, Canada, Ontario, Québec, and British Columbia, 1950–1977

				British Columbia ¹	
	Canada	Ontario	Québec	Coast	Interior
'000's of cubic metres					
1950	85,625	14,622	27,708		23,577
1951	97,321	17,003	32,331		24,417
1952	90,776	15,982	28,176		25,773
1953	87,171	14,278	26,662		27,339
1954	88,424	14,082	28,439		28,209
1955	92,892	15,350	27,870		30,607
1956	98,081	15,501	30,417		31,433
1957	89,836	16,001	25,642		29,525
1958	80,844	13,694	23,132		28,287
1959	90,238	15,053	24,841		33,247
1960	93,267	15,330	24,919		33,980
1961	89,925	13,991	25,887		33,051
1962	92,830	14,710	24,810		38,032
1963	99,772	15,153	25,872	23,069	18,658
1964	102,716	16,136	26,425	23,462	19,431
1965	103,670	16,061	26,499	24,308	19,110
1966	109,004	17,018	28,151	25,765	19,616
1967	107,572	17,193	28,310	25,489	19,047
1968	112,505	16,736	27,908	27,890	20,323
1969	121,884	17,605	30,021	28,162	25,365
1970	121,433	16,803	28,902	28,836	25,896
1971	119,714	15,841	26,584	28,402	28,155
1972	124,130	17,361	27,827	24,705	31,746
1973	143,806	18,446	29,350	32,726	37,411
1974	137,929	18,868	32,712	27,876	32,210
1975	115,263	14,215	28,407	21,366	28,711
1976	140,274	17,879	29,062	32,197	37,332
1977	148,518	21,818	31,063	28,557	41,413

¹⁾ Figures from British Columbia Forest Service beginning with 1960.

Source: SC, *Canadian Forestry Statistics*.

Table 18.2
Principal Manufacturing Statistics for Pulp and Paper Mills, Canada and Ontario, 1970–1977

	1970		1971		1972		1973	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Establishments	139	36	142	37	141	37	146	37
Manufacturing Activity								
Production and related workers								
Number	62,025	17,832	61,426	17,132	61,196	16,970	61,783	17,326
Manhours paid ('000's)	134,291	38,512	130,766	35,946	131,426	36,224	131,688	36,562
Wages (\$'000's)	511,654	143,157	546,239	144,593	594,291	157,759	645,084	174,969
Cost of fuel and electricity (\$'000's)	204,359	53,295	232,985	58,158	244,370	61,944	270,637	67,593
Cost of materials and supplies (\$'000's)	1,334,375	341,995	1,363,567	339,829	1,483,871	358,824	1,700,933	406,916
Value of shipments of goods of own manufacture (\$'000's)	2,850,836	732,424	2,832,267	728,289	3,127,821	778,067	3,790,939	932,061
Value added (\$'000's)	1,323,278	342,949	1,272,551	330,373	1,374,129	355,675	1,803,889	450,338
Total Activity								
Total Employees								
Number	80,371	22,201	79,397	21,305	78,969	21,044	80,085	21,271
Salaries and wages (\$'000's)	701,395	188,189	745,608	190,348	808,869	206,929	884,242	227,160
Value added (\$'000's)	1,331,067	346,406	1,276,837	331,835	1,380,052	356,799	1,812,569	451,839

Table 18.2 (cont'd)
Principal Manufacturing Statistics for Pulp and Paper Mills, Canada and Ontario, 1970–1977

	1974		1975		1976		1977	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Establishments	147	37	147	37	147	37	145	37
Manufacturing Activity								
Production and related workers								
Number	66,584	18,087	64,329	16,417	66,946	17,302	64,930	17,329
Manhours paid ('000's)	142,883	37,848	117,176	26,570	139,464	37,757	135,108	35,774
Wages (\$'000's)	802,836	203,864	754,892	164,662	1,033,475	237,708	1,130,432	295,510
Cost of fuel and electricity (\$'000's)	409,152	84,395	398,692	82,775	546,273	131,311	667,543	181,396
Cost of materials and supplies (\$'000's)	2,306,718	556,363	2,191,527	440,049	2,732,640	579,398	2,910,869	740,843
Value of shipments of goods of own manufacture (\$'000's)	5,700,192	1,347,587	5,122,093	1,031,210	5,992,723	1,236,886	6,636,533	1,603,037
Value added (\$'000's)	3,033,697	717,581	2,569,050	503,784	2,845,278	540,709	3,056,481	681,778
Total Activity								
Total Employees								
Number	86,203	21,909	84,046	20,912	86,995	21,693	84,533	21,604
Salaries and wages (\$'000's)	1,097,108	265,286	1,091,675	233,645	1,415,843	315,867	1,541,355	383,016
Value added (\$'000's)	3,048,775	721,076	2,601,472	517,889	2,876,446	548,492	3,069,757	688,718

Source: SC, *Canadian Forestry Statistics*.

Table 18.3

Principal Manufacturing Statistics for Sawmills and Planing Mills (excluding Shingle Mills), Canada and Ontario, 1974–1977

	1974		1975		1976		1977	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Establishments	1,530	261	1,368	240	1,213	222	1,132	215
Manufacturing Activity								
Production and related workers								
Number	49,194	5,158	40,788	4,508	47,838	4,642	51,532	5,156
Manhours paid ('000's)	103,534	11,037	84,899	9,530	100,890	9,846	107,850	11,071
Wages (\$'000's)	489,521	43,187	462,430	41,903	641,722	49,421	774,805	61,285
Cost of fuel and electricity (\$'000's)	49,075	6,694	51,179	5,796	68,897	7,324	87,687	9,416
Cost of materials and supplies (\$'000's)	1,314,925	90,960	1,113,447	101,059	1,668,975	122,226	1,925,124	146,030
Value of shipments of goods of own manufacture (\$'000's)	2,329,835	198,957	1,996,856	180,044	2,878,325	222,918	3,672,730	290,277
Value added (\$'000's)	976,108	113,447	849,323	85,680	1,262,426	99,427	1,718,629	136,493
Total Activity								
Working owners and partners								
Number	578	82	633	114	494	98	430	91
Withdrawals ('000's)	...	...	...	...	...	...	...	...
Employees								
Number	58,346	6,557	49,156	5,444	56,408	5,660	60,445	6,221
Salaries and wages (\$'000's)	605,422	60,078	577,555	54,694	774,169	64,385	930,247	78,341
Value added (\$'000's)	982,571	114,210	850,833	86,123	1,267,925	100,125	1,722,880	136,414

Source: SC, *Canadian Forestry Statistics*.

Table 18.4
Total Wood Volume¹ and Allowable Cut, by Species, Canada and Ontario, 1976

	Economically Accessible	Economically Inaccessible	Reserved Land	Allowable Cut
Millions of cubic metres				
Canada ²				
Softwoods	13,514	1,688	370	..
Spruce	4,759	929	122	..
Balsam Fir	2,581	111	53	..
Douglas Fir	505	..	26	..
Hemlock	1,806	31	53	..
White Pine	179	..	2	..
Jack and Lodgepole Pines	2,413	288	75	..
Ponderosa and Red Pine	43	..	--	..
Cedar ³	1,180	4	37	..
Other softwoods ⁵	49	3 ⁴	1	..
Hardwoods	3,715	361	50	..
Poplar	1,353	81	7	..
White Birch	964	67	6	..
Yellow Birch	289	2	--	..
Maple	358	--	--	..
Beech	45	..	..	..
Ash	22	..	--	..
Other hardwoods ⁵	684	146	36	..
Total - All species	17,230	2,049	420	276
Ontario				
Softwoods	2,079	510	--	30 ⁶
Spruce	1,085	392	..	..
Balsam Fir	237	30	-	..
Douglas Fir	-	-	-	..
Hemlock	40	..	..	..
White Pine	101	..	--	..
Jack and Lodgepole Pines	485	85	..	..
Ponderosa and Red Pine	32	..	..	..
Cedar ³	85	1	..	..
Other softwoods ⁵	4	2 ⁴	..	..
Hardwoods	1,562	119	--	36 ⁶
Poplar	719	77	..	..
White Birch	417	42	..	..
Yellow Birch	119	..	..	..
Maple	206	..	..	..
Beech	17	..	..	..
Ash	17	..	..	..
Other hardwoods ⁵	65	..	..	..
Total - All species	3,638	629	--	66

1) All maturity classes, on inventoried productive forest land.
2) Does not include data for the Yukon and Northwest Territories for which figures are not available nor approximately 179,000 km² of forest land for Québec's forest inventory which remains to be compiled.
3) Includes eastern white, western red and yellow cedar.
4) Figure is for Larch; other softwoods are not available.
5) Does not include some species for which figures are not available.
6) Does not include Federal crown land for which figures are not available.

Table 18.5
Shipments of Roundwood by the "Logging Industry", Canada and Ontario, 1972-1977

Product	1972		1973		1974	
	Quantity	Value	Quantity	Value	Quantity	Value
	cunits	\$'000's	cunits	\$'000's	cunits	\$'000's
Canada	41,243,888	1,544,536	45,469,356	2,037,648	43,917,879	2,191,249
Logs and bolts	26,526,788	1,006,562	29,963,971	1,419,152	26,906,851	1,387,540
Pulpwood	14,610,367	528,456	15,400,561	610,976	16,868,441	791,255
Poles and piling	80,735	8,524	86,608	6,811	111,419	10,696
Other roundwood	25,998	994	18,216	709	31,168	1,758
Ontario	5,545,740	205,270	5,555,199	221,712	5,804,915	281,102
Logs and bolts	1,327,835	45,463	1,182,759	44,416	1,262,575	53,865
Pulpwood	4,190,234	158,212	4,359,503	176,580	4,528,187	226,326
Poles and piling	16,493	1,119	5,476	445	-	-
Other roundwood	11,178	476	7,461	271	14,153	911

Table 18.5 (cont'd)

Product	1975		1976		1977	
	Quantity	Value	Quantity	Value	Quantity	Value
	cunits	\$'000's	cunits	\$'000's	cunits	\$'000's
Canada	34,784,474	1,914,618	41,621,816	2,557,529	41,881,377	2,768,730
Logs and bolts	21,127,071	1,124,917	28,133,595	1,699,311	29,056,654	1,875,279
Pulpwood	13,508,219	775,312	13,488,221	858,218	12,737,096	882,674
Poles and piling	98,054	11,261	- ¹	- ¹	87,627	10,777
Other roundwood	51,130	3,128	- ¹	- ¹	- ¹	- ¹
Ontario	4,090,399	243,339	4,584,776	306,995	5,227,321	373,391
Logs and bolts	1,067,429	56,584	1,075,044	64,343	1,501,071	93,925
Pulpwood	2,987,667	184,295	3,509,732	242,652	3,726,250	279,466
Poles and piling	-	-	- ¹	- ¹	- ¹	- ¹
Other roundwood	35,303	2,460	- ¹	- ¹	- ¹	- ¹

¹ Included with logs and bolts.

Source: SC, *Canadian Forestry Statistics*.

Table 18.6
Volume of Paper Production by Kind, Ontario, 1950–1977

	Newsprint	Paper Board	Printing and Writing Paper	Wrapping Paper	Tissue Paper ¹	Other Paper	Total Paper Production
	'000's tons						
1950	1,240.1	417.4	137.6	62.7	27.5	18.4	1,903.7
1951	1,285.9	442.5	169.0	66.7	36.6	18.5	2,019.2
1952	1,296.8	408.0	153.2	56.5	31.5	17.4	1,963.4
1953	1,297.7	434.7	170.0	61.9	37.2	17.3	2,018.8
1954	1,345.7	420.7	177.0	68.7	39.3	15.6	2,067.0
1955	1,427.0	474.7	193.1	74.4	40.9	15.0	2,225.1
1956	1,471.8	507.6	224.4	74.4	45.5	13.8	2,337.5
1957	1,487.4	491.4	226.1	68.4	49.5	14.7	2,337.5
1958	1,465.3	515.8	233.9	71.4	53.0	15.8	2,355.2
1959	1,495.0	532.0	262.0	74.0	54.0	14.0	2,431.0
1960	1,608.0	538.0	266.0	74.0	51.0	13.0	2,550.0
1961	1,598.0	483.0	275.0	70.0	53.0	12.0	2,491.0
1962	1,602.3	524.2	292.4	72.5	50.8	15.5	2,557.8
1963	1,566.7	536.2	314.9	78.8	52.6	13.9	2,563.1
1964	1,714.2	579.2	323.0	83.7	52.6	15.8	2,768.4
1965	1,743.4	581.2	344.7	85.7	51.2	12.8	2,819.1
1966	1,848.9	541.8	430.9	86.7	53.2	18.7	2,980.2
1967	1,815.8	548.9	424.4	84.9	...	72.5	2,946.5
1968	1,759.8	555.6	447.7	92.2	...	97.9	2,953.1
1969	1,923.8	574.1	469.4	95.1	...	119.2	2,181.7
1970	1,856.6	593.2	532.6	75.6	...	120.0	3,178.0
1971	1,773.6	638.0	513.6	77.4	...	116.4	3,119.0
1972	1,790.5	687.8	561.7	68.2	...	127.1	3,235.3
1973	1,950.2	801.0	573.1	92.1	...	145.7	3,562.6
1974	1,960.1	829.0	698.3	100.8	...	163.8	3,752.0
1975	1,256.9	462.4	408.0	57.5	...	129.3	2,314.1
1976	1,554.9	601.0	460.3	61.1	...	179.9	2,857.2
1977	1,775.0	690.0	708.9	75.0	...	153.3	3,402.2

1) Incorporated in "Other Paper" category after 1966.

Source: SC, *The Pulp and Paper Industry*.

Table 18.7
Depletion of Forest Resources, Ontario, 1971–1977

	1971	1972	1973	1974	1975	1976	1977
'000's of cubic feet of merchantable timber							
Utilization							
Logs and bolts ¹	190,000	215,000	224,500	212,500	186,000	260,000	339,500
Pulpwood	334,500	365,500	393,500	420,000	280,000	332,000	394,000
Other roundwood	7,340	7,100	7,200	5,300	5,000	6,800	5,500
Industrial wood - Total	531,840	587,600	625,200	637,800	471,000	598,800	739,500
Non-industrial wood ²	27,500	25,500	26,200	28,500	31,000	32,500	31,500
Total	559,340	613,100	651,400	666,300	502,000	631,300	770,500
Fire losses	28,992	63,065	..	..	..	..	..
Depletion							
Volume ³	588,332	676,165	651,400	666,300	502,000	631,300	770,500

¹ Includes some pulpwood.

² Includes fuelwood and wood for charcoal.

³ The figures for depletion do not include wastage caused by agencies other than fire such as insects, diseases and natural mortality, for which no reliable estimates are available.

Source: SC, *Canadian Forestry Statistics*.

Table 18.8
Forest Fires by Cause, Ontario, 1961–1977

	Recreation	Settle- ment	Woods Operations	Rail- roads	Other Industries	Incen- diaries	Light- ning	Miscellaneous	
								Known	Unknown
1961	496	80	19	62	18	31	445	143	11
1962	674	113	26	76	9	40	295	279	9
1963	811	313	11	93	66	36	319	216	20
1964	601	244	19	75	56	36	591	198	9
1965	404	204	20	118	54	15	202	191	10
1966	719	224	15	117	73	18	538	205	12
1967	567	203	10	176	38	23	198	236	14
1968	356	262	18	141	44	32	79	270	17
1969	256	128	7	78	21	9	202	191	9
1970	363	150	3	125	20	21	403	140	14
1971	702	192	24	152	49	27	339	282	23
1972	346	206	13	175	35	29	528	252	20
1973	357	164	13	149	30	25	173	165	35
1974	412	223	17	158	22	19	546	177	51
1975	966	281	38	288	54	43	1,043	353	80
1976	816	251	33	359	32	55	2,086	281	72
1977	530	280	18	257	32	55	524	310	40

Source: Forest Fire Research Institute, Canadian Forestry Service.

Table 18.9
Forest Fires, Canada and Ontario, 1950–1977

	Canada		Ontario	
	Number of Fires	Area Burned	Number of Fires	Area Burned
		Acres		Acres
1950	5,436	2,969,763	985	36,780
1951	4,658	1,547,975	904	101,243
1952	4,946	1,144,004	1,095	12,421
1953	6,551	3,587,860	1,520	58,809
1954	3,064	1,395,884	881	54,693
1955	6,348	1,609,574	2,252	396,423
1956	4,639	2,108,847	1,017	226,212
1957	5,728	903,320	1,671	46,651
1958	6,814	4,931,236	1,558	36,652
1959	4,874	690,860	1,029	5,281
1960	7,346	1,593,460	956	31,386
1961	8,655	9,313,479	1,305	1,184,728
1962	6,285	863,585	1,521	13,804
1963	7,670	470,001	1,885	56,138
1964	6,944	2,993,290	1,829	28,124
1965	7,238	521,148	1,218	19,904
1966	7,468	1,144,438	1,921	14,415
1967	8,650	2,211,954	1,465	63,502
1968	7,301	2,211,605	1,219	9,461
1969	6,633	2,331,378	901	6,134
1970	9,253	2,616,366	1,239	56,160
1971	9,173	4,188,320	1,790	36,199
1972	8,227	1,927,444	1,604	79,145
1973	7,665	3,144,462	1,111	8,913
1974	8,153	2,057,702	1,625	1,294,629
1975	11,286	2,275,614	3,146	41,652
1976	10,262	4,480,122	3,985	1,344,518
1977	8,960	3,553,728	2,049	38,416

Source: Forest Fire Research Institute, Canadian Forestry Service.

Table 18.10
Forest Fires by Size Class, Canada and Ontario, 1950–1977

	Canada					Ontario				
	Less than 1/4 acre	1/4 to 10 acres	11 to 100 acres	101 to 500 acres	Over 500 acres	Less than 1/4 acre	1/4 to 10 acres	11 to 100 acres	101 to 500 acres	Over 500 acres
950	1,726	2,110		1,288	312	260	518		198	9
951	1,813	1,708		884	253	329	428	115	21	11
952	1,868	1,999	633	254	192	391	581	103	16	4
953	2,226	2,827	852	356	290	500	821	146	33	20
954	1,225	1,330	326	94	89	354	428	81	9	9
955	2,515	2,614	659	318	242	846	1,124	188	52	42
956	2,039	1,680	452	204	264	395	502	66	26	28
957	2,223	2,408	727	220	150	575	861	187	37	11
958	2,875	2,568	788	224	359	490	861	178	20	9
959	2,065	1,861	555	230	163	470	493	56	9	1
960	3,270	2,804	674	275	323	416	448	59	23	10
961	3,897	2,984	888	337	549	502	639	112	12	40
962	2,866	2,584	535	183	117	670	744	84	17	6
963	3,662	2,883	753	242	130	693	955	198	30	9
964	2,884	2,900	711	216	233	845	829	122	22	11
965	3,644	2,728	571	192	103	572	560	70	13	3
966	3,673	3,032	479	167	117	998	834	70	14	5
967	3,987	3,202	744	319	398	630	712	99	16	8
968	3,489	2,780	620	235	177	481	602	118	17	1
969	3,332	2,512	454	164	171	474	383	36	6	2
970	4,695	3,438	731	185	204	645	508	61	11	14
971	4,535	3,394	697	244	303	894	755	108	17	16
972	3,632	3,363	722	257	253	703	757	97	26	21
973	3,640	2,960	558	205	302	523	534	43	6	5
974 ¹	3,973	2,959	633	166	140	711	713	112	29	60
975 ¹	5,544	4,292	828	208	161	1,426	1,444	222	39	15
976 ¹	4,629	3,720	889	333	348	1,957	1,625	224	78	101
977 ¹	3,981	3,746	839	169	225	811	1,006	157	29	46

Figures for Canada do not include Newfoundland.
Source: Forest Fire Research Institute, Canadian Forestry Service.

Table 18.11
Value of Mineral Production, Ontario, 1960–1978

	Total ^r	Metallics ^r	Non-Metallics	Fuels	Structural Materials
			\$Million		
1960	983.1	817.8	25.3	9.7	130.3
1961	944.1	781.2	23.6	9.2	130.1
1962	913.5	729.9	27.3	9.5	146.8
1963	874.3	683.6	26.9	9.5 ^r	154.2
1964	905.0	701.6	24.5	9.8 ^r	169.1
1965	993.0	776.2	23.1	8.9 ^r	184.7
1966	957.9	732.4	23.7	10.2	191.6
1967	1,194.5	970.9	28.4	9.0	186.3
1968	1,355.6	1,123.0	36.0	7.8	188.9
1969	1,223.4	1,001.0	35.7	7.4	179.3
1970	1,590.1	1,354.4	40.1	9.3	186.4
1971	1,554.2	1,290.6	43.9	9.1	210.6
1972	1,538.1	1,254.8	44.2	7.3	231.8
1973	1,854.7	1,521.8	57.2	6.5	269.1
1974	2,434.6	2,049.7	64.2	7.6	313.1
1975	2,357.3	1,949.0	56.2	11.6 ^r	340.6
1976	2,526.5	2,036.6	84.7 ^r	10.1 ^r	395.1
1977 ^r	2,980.0	2,436.1	89.6	16.9	437.4
1978 ^p	2,595.4	1,989.1	97.5	26.4	482.4

Source: Ministry of Natural Resources, Mineral Statistics Section

Table 10.12
Production Value and Quantity of Selected Metallic Minerals, Ontario, 1960-1978

	Silver			Uranium			Nickel			Copper			Iron Ore			Gold		
	Quantity ounces	Value \$		Quantity lbs.	Value \$		Quantity lbs.	Value \$		Quantity lbs.	Value \$		Quantity tons	Value \$		Quantity ounces	Value \$	
									Millions									
1960	11.2	10.0		19.8	212.0		403.3	277.9		412.5	123.8		5.3	48.4		2.7	92.8	
1961	8.9	8.4		15.0	151.1		392.4	295.4		423.3	122.4		5.8	62.4		2.6	93.5	
1962	9.4	10.9		12.8	118.3		333.2	274.2		378.0	116.3		6.4	64.5		2.4	90.6	
1963	9.6	13.3		12.8	103.0		298.2	246.3		357.9	112.0		6.7	70.0		2.3	88.3	
1964	9.9	13.9		11.8	63.6		324.2	267.8		395.8	131.5		8.0	85.6		2.2	81.4	
1965	10.8	15.2		6.8	47.2		382.6	316.3		432.5	161.7		8.5	94.2		1.9	73.4	
1966	10.9	15.2		5.9	42.8		320.4	269.5		406.0	181.4		8.1	91.7		1.7	62.6	
1967	14.3	24.8		5.5	41.4		380.1	352.2		552.3	261.8		8.6	99.9		1.5	56.5	
1968	21.8	50.5		5.4	39.2		407.5	405.2		581.2	278.3		10.9	127.1		1.4	52.0	
1969	22.3	43.0		..	40.3		293.6	329.1		477.6	244.3		10.5	128.2		1.2	46.3	
1970	19.9	36.8		6.7	40.7		448.5	608.4		590.2	340.8		11.8	144.8		1.2	42.5	
1971	18.7	29.1		7.0	..		431.5	583.9		604.7	317.5		11.2	136.2		1.1	40.1	
1972	19.6	32.7		8.4	..		378.9	519.9		579.4	293.5		11.8	139.5		1.0	58.7	
1973	19.6	49.6		8.1	..		393.3	574.8		574.6	365.3		12.4	152.5		0.9	89.8	
1974	17.9	82.6		8.4	..		460.9	749.8		625.9	484.0		12.0	180.1		0.8	124.4	
1975	14.9	67.2		10.6	..		394.8	811.3		568.3	361.4		10.5	219.0		0.8	123.7	
1976	16.3	70.1		9.8	..		413.2	882.3		573.6	391.4		11.1	252.3		0.7	91.0	
1977 ^r	16.9	82.9		9.4	250.7		396.8	927.5		617.2	428.0		11.4	287.8		0.7	116.3	
1978 ^p	13.5	83.4		11.6	341.1		214.7	489.6		428.4	318.8		10.4	295.4		0.7	156.5	

Source Ministry of Natural Resources, Mineral Statistics Section

Table 18.13
Production Value and Quantity of Non-Metallic Minerals, Canada and Ontario, 1976-1978

	Canada						Ontario					
	1976			1977 ^r			1978 ^p			1976		
	Quantity Tons	Value \$		Quantity Tons	Value \$		Quantity tons	Value \$		Quantity Tons	Value \$	
	'000's											
Asbestos	1,693	452,208		1,673	563,532		1,520	601,631		30	2,595	-
Barite	..	1,852		..	2,836		97	1,850		..	128	380
Fluorspar	..	2,935		..	8,685		-	-		-	-	-
Gemstones ¹	..	1,641		..	915		..	936		..	106	110
Gypsum	6,616	22,767		7,974	31,376		8,697	36,760		633	2,680	4,209
Magnetite Dolomite and Bricite	..	4,008		..	6,290		..	6,034		-	-	-
Nepheline Syenite	595	10,566		633	11,984		638	13,100		595	10,566	13,100
Peat Moss	435	25,474		426	28,257		446	30,145		10	785	664
Potash (K ₂ O)	5,749	353,504		6,354	403,707		7,027	492,963		-	-	-
Pyrite, Pyrrhotite	34	241		27	197		10	72		-	-	-
Quartz	2,778	16,007		2,554	19,310		2,186	19,743		1,242	5,203	5,961
Salt	6,607	84,079		6,657	90,076		6,858	104,042		4,948	52,493	66,495
Soapstone, Talc, Pyrophyllite	76	1,833		80	2,260		74	2,658		..	587	1,097
Sodium Sulphate	507	23,310		435	20,450		417	19,474		-	-	-
Sulphur, in smelter gas	777	18,582		811	14,164		742	13,635		400	9,569	5,458
Sulphur, elemental	4,442	70,171		5,740	80,608		6,468	100,168		1	28	7
Titanium Dioxide, etc.	..	73,121		..	77,821		..	110,667		-	-	-
Total Value Non-Metals	...	1,162,352			1,362,468			1,553,878		...	84,741	97,481

1) Quantity in pounds.

Source: Ministry of Natural Resources, Mineral Statistics Section

Production Value and Quantity of Fuels and Structural Materials, Canada and Ontario, 1976-1978

	Canada						Ontario					
	1976			1977 ¹			1978 ²			1976		
	Quantity '000's	Value \$'000's		Quantity '000's	Value \$'000's		Quantity '000's	Value \$'000's		Quantity '000's	Value \$'000's	Quantity '000's
Fuels												
Coal ¹	28,083	607,100		31,438	609,517		33,370	733,350		-	-	-
Natural Gas ²	3,095,323	2,649,218		3,230,672	3,422,070		3,089,818	3,881,585		4,959	4,860	10,968
Natural Gas by-products ³	104,503	798,906		105,166	969,725		93,340	957,168		-	-	-
Petroleum, crude ³	480,782	4,053,888		481,900	4,871,500		468,827	5,660,440		621	5,216	592
Total Value Fuels	...	8,109,112		...	9,872,812		...	11,232,543		...	10,076	...
												26,440
Structural Materials¹												
Clay products	...	97,547		...	103,361		...	107,279		...	53,152	...
Cement	10,609	381,112		10,626	420,086		11,880	481,405		...	127,171	...
Lime	2,039	59,724		2,094	64,467		2,281	74,452		4,112	139,894	4,345
Sand and Gravel	274,651	334,414		289,803	364,881		293,189	375,415		1,323	36,798	1,529
Stone	96,867	230,638		132,457	296,567		123,456	316,798		75,841	106,093	88,000
Total Value Structural Materials	...	1,103,435		...	1,249,362		...	1,355,349		31,047	71,861	33,600
										...	437,405	482,357

¹ In tons.² In thousands of cubic feet.³ In barrels.

Source Ministry of Natural Resources, Mineral Statistics Section

Energy

Highlights

- **Energy Consumption** – The Commercial and Industrial Use sector has the highest energy consumption of all use sectors. In 1966, 47.8 per cent of the energy was consumed by this use sector, and by 1976 the usage had risen to 48.4 per cent. In the Transportation Use sector, "Road" accounted for 84.4 per cent of the energy consumed in 1976, compared with "Rail" and "Air" which consumed 4.3 per cent and 7.3 per cent, respectively. The Domestic and Farm Use sector energy consumption increased by 14.0 per cent from 1971 to 1976. From 1971 to 1976, the amount of energy consumed in coal products increased by 0.9 per cent; in natural gas, increased by 35.9 per cent; in electricity, increased by 31.8 per cent; in gasolines, increased by 25.0 per cent; and in fuel oils and diesel, decreased by 4.9 per cent.

For non-durable commodities in 1976, the Paper and Allied Industries and the Chemical Industries both accounted for the highest energy consumption in manufacturing. The former consumed 26.5 per cent; the latter consumed 43.8 per cent of the total consumption of all industrial groups, which totalled 288 trillion B.T.U. in 1976. Of the 1976 durable commodities consumption total of 245 trillion B.T.U., Primary Metal Industries accounted for 43.6 per cent.

- **Energy Use per Citizen (Share Index of energy consumption)** – In 1976, Ontario, of all the provinces, was the most intensive user on a per person basis in the industrial category. Energy consumption per person in Canada, also, was greatest in the industrial category with 76.6 million BTU/person, followed by 56.2 million BTU/person in the Transportation by road category and 51.1 million BTU/person in the Domestic and Farm category.
- **Renewable Energy and Energy Conservation** – Federal and Ontario government programs for promoting renewable energy technology and better energy conservation practices have allocated \$616.0 million and \$16.3 million respectively to these projects. The Federal funding covers varying periods up to 1985 and the provincial funding relates to the period 1978-79. The definitions should be consulted for fund applications and other details.
- **Ontario Hydro** – Hydro-electric power is the largest source of energy supplied in Ontario. Its importance has dropped considerably with the introduction of alternative power sources, most notably coal, natural gas and nuclear energy. In 1961 hydro-electric sources supplied 80.04 per cent of the energy. This figure dropped in 1971 to 48.25 per cent and finally in 1978 to 33.5 per cent. Natural gas and nuclear power have risen from nil in 1961 to 2.0 per cent for the former and 27.1 per cent for the latter in 1978. Coal accounted for 25.3 per cent in 1978.

Primary energy delivery, in terms of billions of kilowatt-hours (BkWh), rose from an annual quantity of 15.58 BkWh in 1950 to 33.86 BkWh by 1961 and more than doubled again to 95.37 BkWh by 1978.

The number of ultimate customers served by Ontario Hydro between 1961 and 1978 increased by 893,868 or 46.1 per cent. Of the electric energy distributed to residential and general services, the percentage change from 1977 to 1978 was +3.2 per cent for residential services and +2.1 per cent for general services. The 1976 to 1977 change for residential services was +2.8 per cent. For general services the percentage change from 1976 to 1977 was +3.7 per cent.

Installed generating capacity in Ontario increased steadily through the 1972-1977 period. For both the electrical utilities and industrial establishments total capacity in 1972 was 16.2 million kW. By 1977 the capacity had increased by 48.0 per cent from 1972. In 1977, private and publicly-operated electrical utilities generated 23.3 million kW. This figure is 38.5 times that generated by industrial establishments.

Definitions

Conversion – The term "conversion" in Table 19.7 is used to describe the process of changing primary fuel, i.e. naturally occurring fuel e.g. coal, crude oil, and for the purposes of this study, hydro and nuclear generated electricity, into secondary fuel, i.e. that resulting from the processing of other fuels, e.g. coke from coal or

motor gasoline from crude oil. "Transformation" refers to the process of changing secondary fuels into other secondary fuels, e.g. thermal electricity from fuel oil fired power stations. From the resultant output of secondary energies included in the balance sheet, it becomes possible to compute the efficiency of the conversion transformation process; however, any non-energy forms produced in the process, for example lubricating oils at refineries, have been excluded. It is therefore possible that part of a seeming increase in the inefficiency of conversion/transformation could be explained by an increase in the output of non-energy forms. The impact of such forms should, however, be minimal.

Efficiency of Conversion – Efficiency measures are given as a percentage, viz: usable energy output to the energy content of the input (by heat units) × 100. In the case of oil refining those commodities (output from the process) which are not regarded as energy sources and for which a BTU equivalent is not published by Statistics Canada are excluded from the measure of efficiency; further, in this instance, a certain proportion of secondary products are fed back into refining. These are deducted from the output. As already noted, non-energy products (comprising petro-chemical feed stocks, naphtha specialities, asphalt and lubricating oils and greases) are excluded from the efficiency measure used in oil refining. In order to cover this point a second measure of the oil refining process is given in terms of the quantity of non-energy products produced as a percentage of crude oil input (by barrels).

BTU's – The following natural units and their equivalent BTU (British Thermal Unit) conversion factors have been used in those tables sourced "Ministry of Treasury, Economic & Intergovernmental Affairs, Central Statistical Services". In the case of natural gas, the BTU content of this fuel has been steadily declining throughout the period under review, and consequently, a varying conversion factor has been used.

<i>Fuel Type</i>	<i>Natural Unit</i>	<i>Conversion Factor</i> <i>BTU's × 10⁶</i>
Coal		
Anthracite	short tons of 2,000 lbs.	25.4000
Imported Bituminous	short tons of 2,000 lbs.	25.8000
Canadian Bituminous	short tons of 2,000 lbs.	25.2000
Sub-Bituminous	short tons of 2,000 lbs.	17.0000
Lignite	short tons of 2,000 lbs.	13.2000
Coke	short tons of 2,000 lbs.	24.8000
Coke Oven Gas	'000 cubic feet	0.5000
Liquefied Petroleum Gas	barrels of 35 Canadian gallons	4.0950
Crude Oil	barrels of 35 Canadian gallons	5.8030
Still Gas	barrels of 35 Canadian gallons	6.2874 ¹
Motor Gasoline	barrels of 35 Canadian gallons	5.2220
Kerosene	barrels of 35 Canadian gallons	5.6770
Diesel	barrels of 35 Canadian gallons	5.8275
Light Fuel Oil	barrels of 35 Canadian gallons	5.8275 ²
Heavy Fuel Oil	barrels of 35 Canadian gallons	6.2874 ²
Petroleum Coke	barrels of 35 Canadian gallons	6.3852
Aviation Gasoline	barrels of 35 Canadian gallons	5.0505
Aviation Turbo Fuel	barrels of 35 Canadian gallons	5.4145
Natural Gas	'000 cubic feet	1.0700/1.0000 ³
Electricity	'000 kWh	3.4120

It has been assumed that the BTU equivalent of "other fuels" is approximated by pro-rating on the basis of average cost per heat unit, thus:

$$b_o = \frac{(B) \times C_o}{(C_T - C_o)}$$

where

b_o = the estimated BTU for "other fuel"

C_T = the total cost of Fuel and Electricity

C_o = the cost of "other fuel"

for each major group by year for Ontario.

B = the sum of the BTU's for all fuel and electricity except "other fuel"

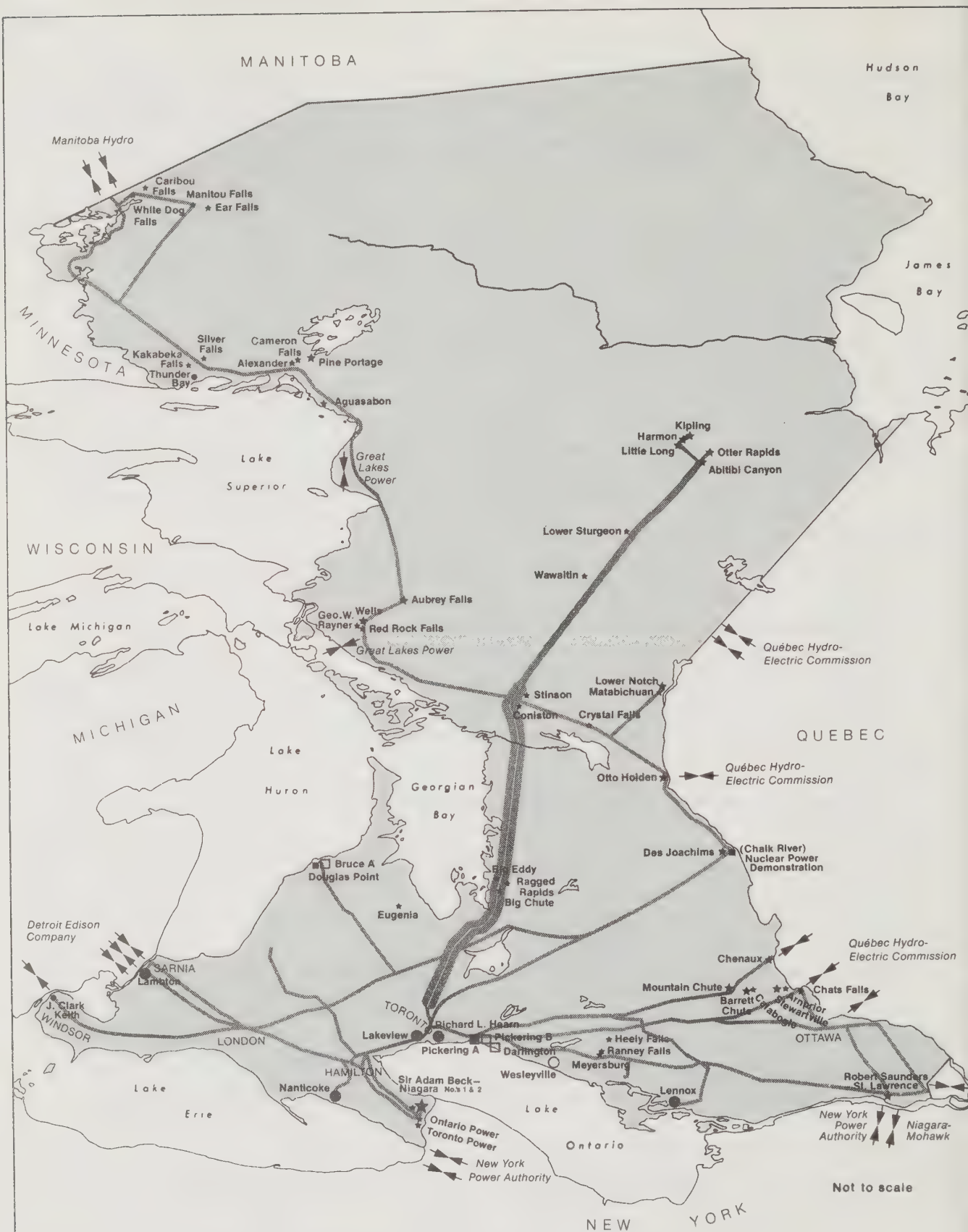
- 1) Still gas is expressed in barrels of Heavy Fuel Oil equivalent.
- 2) In calculating BTU's consumed by manufacturing industries it has been assumed that light fuel oil and heavy fuel oil are used in the ratio of 1:1.5, 1:2.4 and 1:3.3 for 1970, 1971 and 1972, respectively. This follows an assumption of approximate linear change in the proportion of utilization from 1970 to 1974. (Actual breakout for 1974 is available on request from the Ministry of Treasury, Economics and Intergovernmental Affairs, Central Statistical Services.)
- 3) In the case of natural gas the BTU content of the fuel has declined since 1958; consequently, a variable conversion factor has been used in the first set of tables. In the tables covering energy consumption in manufacturing, the lowest value for the conversion factor is used.

Renewable Energy Development, Application and Conservation – Specified activities of Federal and Ontario Governments aimed at assisting in the development and use of renewable sources of energy and of improved energy conservation practices have been covered herein. These programs are described below.

- i) Purchase and Use of Solar Heating Program (PUSH), 1979-1984. This consists of the preferential purchase of Canadian made solar space and water heating equipment for new federal buildings.
- ii) Program of Assistance to Solar Energy Manufacturers (PASEM). Grants will be provided to qualifying firms to prepare solar equipment design proposals in phase 1; and contributions to assist Canadian firms to design and develop solar heating equipment to meet the requirements of the PUSH program in phase 2.
- iii) Low Energy Building Design Awards (LEBDA). This provides for prize money for national competitions to encourage more energy-efficient building design, with particular emphasis on design features to help take advantage of building orientation, particularly exposure to the sun ... known as 'passive' solar techniques.
- iv) Biomass Energy Loan Guarantees. This federal program will provide assistance in establishing electrical generating facilities using biomass as the energy source.
- v) Expanded Research, Development and Demonstration, 1978-1984. This program announced by the federal government provides for the demonstration of novel technologies or applications for harnessing energy from forests and farms (e.g., conversion of biomass to liquid fuels or chemicals). Federal-provincial cost sharing will be the preferred approach used.
- vi) Funding for Research Development and Demonstration, 1978-1985. This program will provide funds for demonstration of novel technologies or applications in the renewable energy and conservation areas. Managed by the National Research Council, funds will be under cost-sharing arrangements with provinces and the private sector.
- vii) Lead Federal Agency Programs, 1977-1978. These 10 programs carried out by federal agencies cover the following items: improvement of practices and standards to increase energy efficiency of buildings, transportation systems and the food supply system; district heating using previously wasted heat; energy recovery from material wastes; increased energy efficiency of urban systems, of oil and gas energy equipment and of industrial processes; energy conversion and storage; and, research to develop changes in living patterns and in the production, marketing and disposal of consumer products to provide energy savings.
- viii) Ontario Government Energy Conservation Sub-activities, 1977-1978. These consist of inter-ministerial projects in the consumer/residential and transportation/urban development energy conservation fields.
- ix) Ontario Government Renewable Energy Sub-activity, 1977-1978. This is an interministerial sub-activity which aims to develop for Ontario the full potential of energy supply from indigenous renewable energy resources.
- x) Ontario Government Public Information Support, 1977-1978. Provides public relations support services for the above two sub-activities.
- xi) Ontario Hydro participates in Alternate Energy Development and Application field in Solar, Windpower and Biomass programs. In Conservation it is engaged in Residential, Heat Pump, Commercial, Industrial and Agricultural programs and in Research. Programs such as Residential are aimed at saving over 20% of energy. Its most significant project is Biomass conversion into power in one of Lakeview's 300,000 kilowatt units. Capital funding is totally assumed by the Ontario Government under "Watts from Waste" program comprising of related activities, including receiving, storage, conveying systems, boiler modifications and associated projects.

Retail – These are clients who purchase under 5,000 kW of electricity per year.

Direct – These are generally small industrial companies which purchase over 5,000 kW of electricity per year.



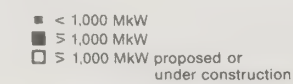
Map 19.A Ontario Hydro System

Thermal-Electric Stations

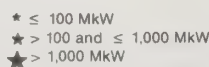
Fossil Fueled



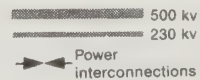
Nuclear Fueled



Hydro-Electric Stations¹



Transmission Lines²

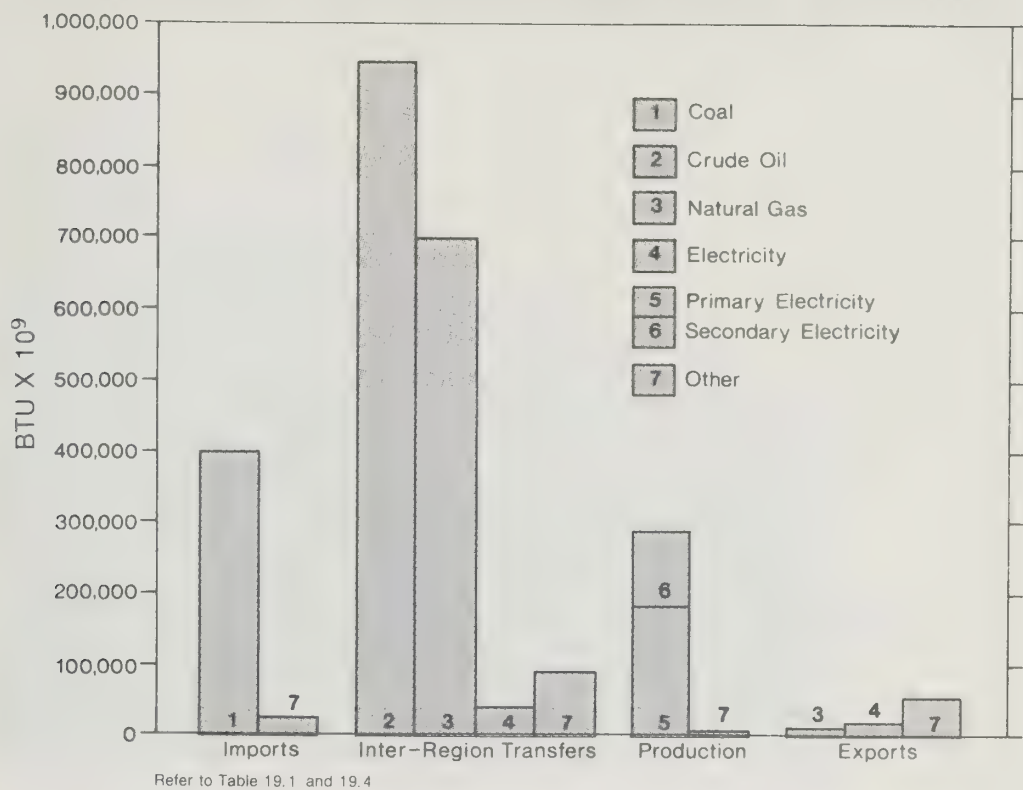


¹Hydro-electric stations generating less than 4 MkW are excluded

²Transmission lines carrying less than 230 kv are excluded.

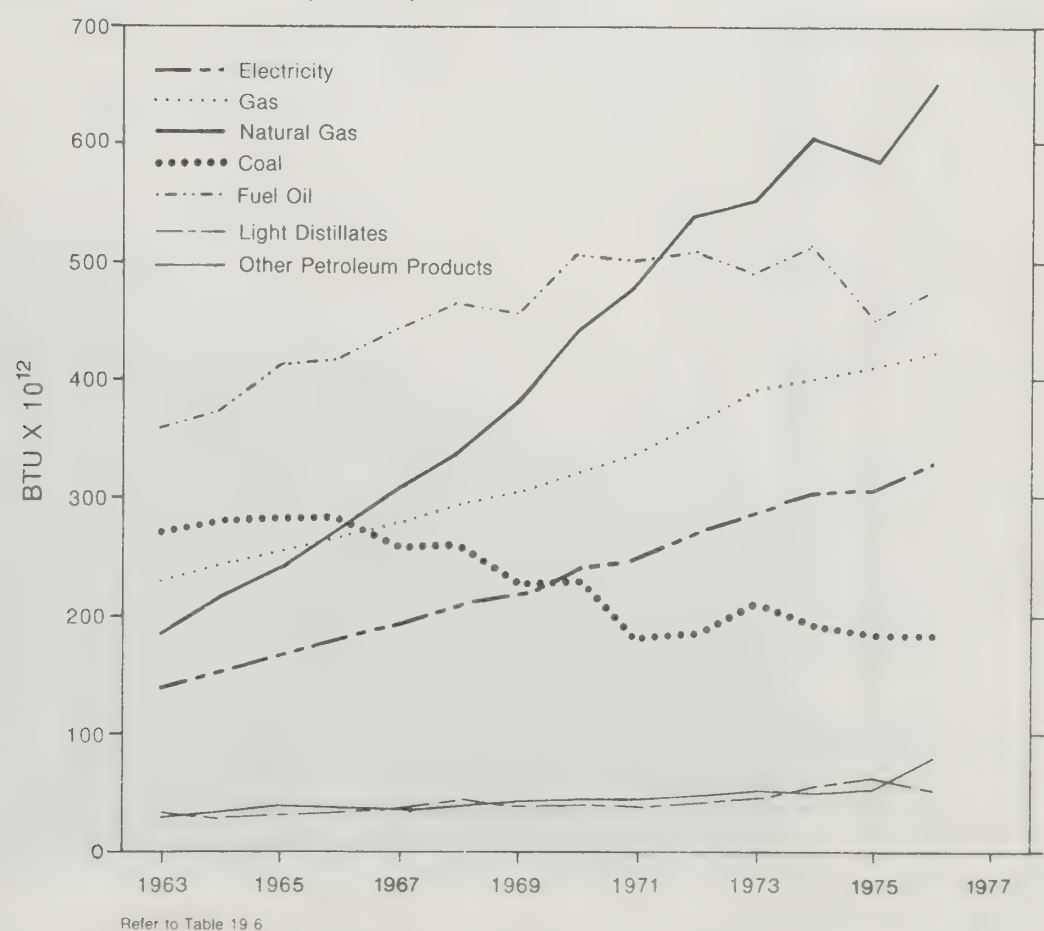
Graph 19.B

Primary Fuel Supply, Production of Electricity and Energy Exports, Ontario 1976

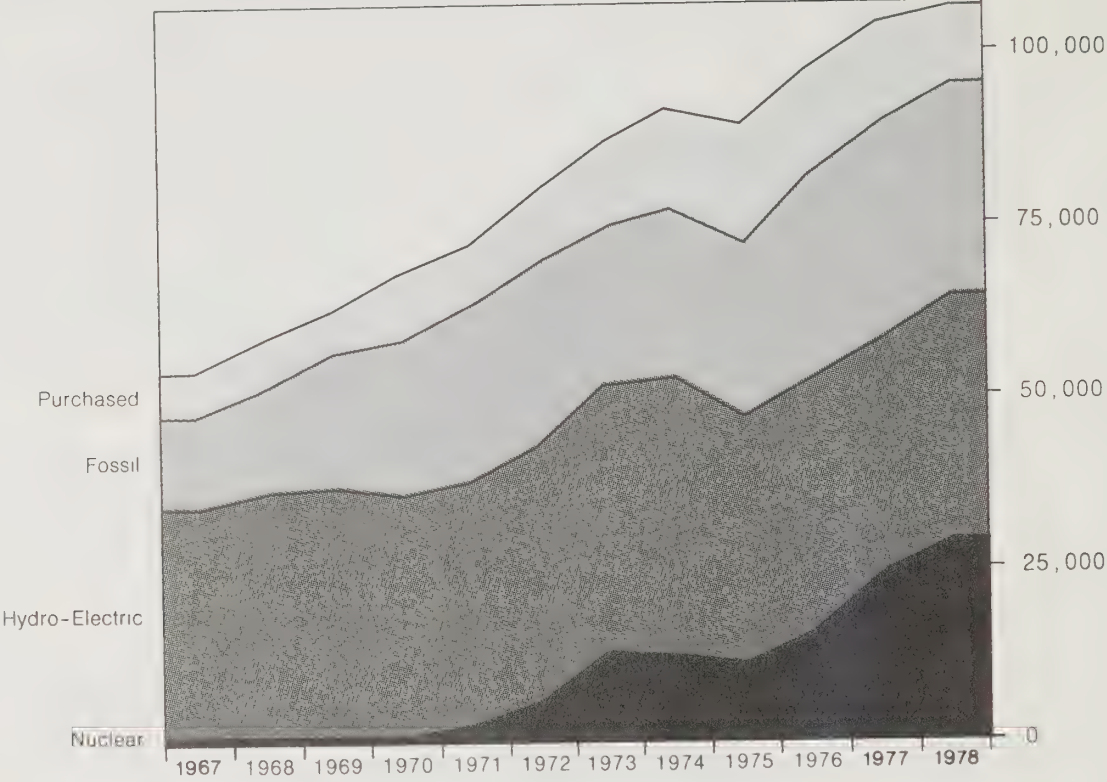


Graph 19.C

Energy Consumption by Commodity Group, Ontario, 1963-1976

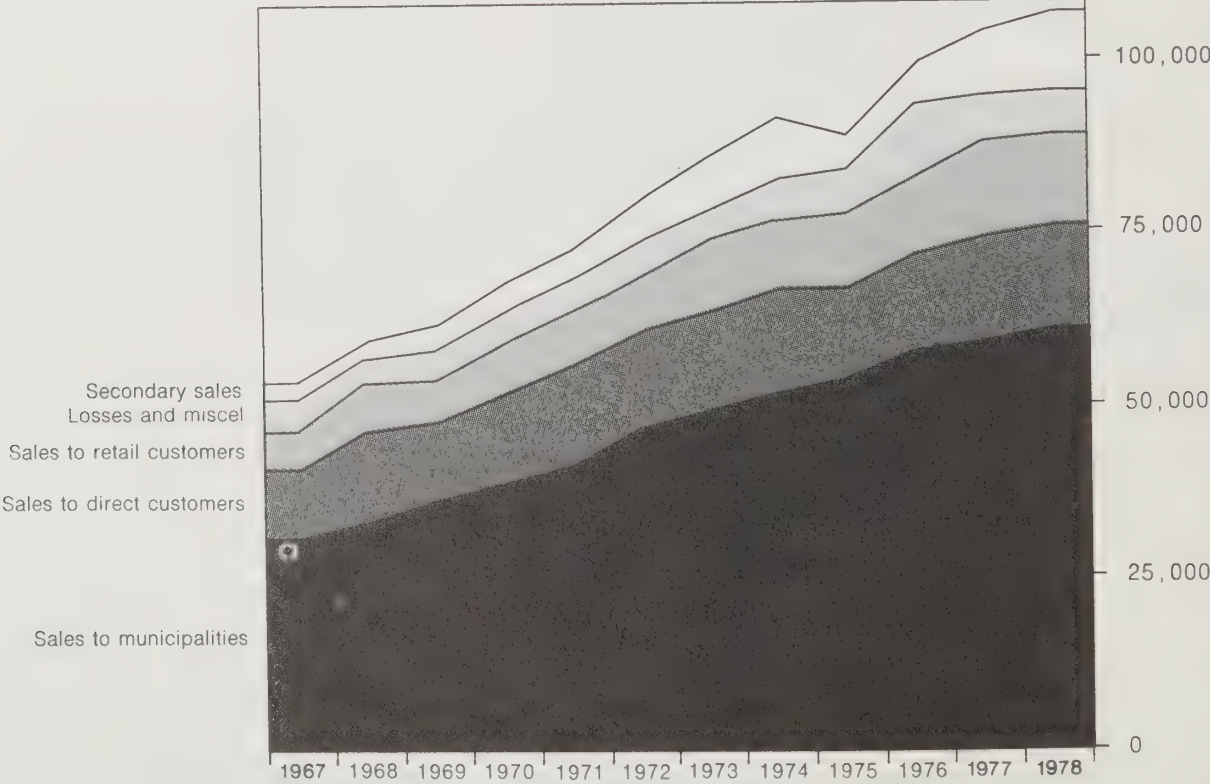


Graph 19.D
Energy Made Available, Ontario Hydro, 1967-1978



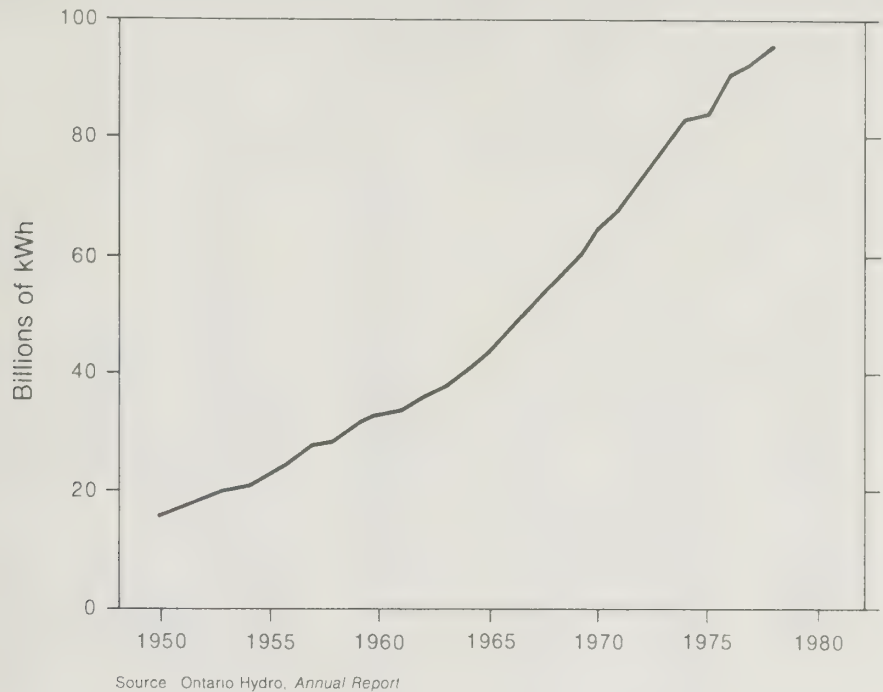
Source: Ontario Hydro, *Annual Report*

Graph 19.E
Disposal of Energy, Ontario Hydro, 1967-1978^P



Source: Ontario Hydro, *Annual Report*

Graph 19.F
Primary Energy Delivery, Ontario Hydro, 1950-1978^P



Graph 19.G
Primary Revenues, Ontario Hydro, 1969-1978

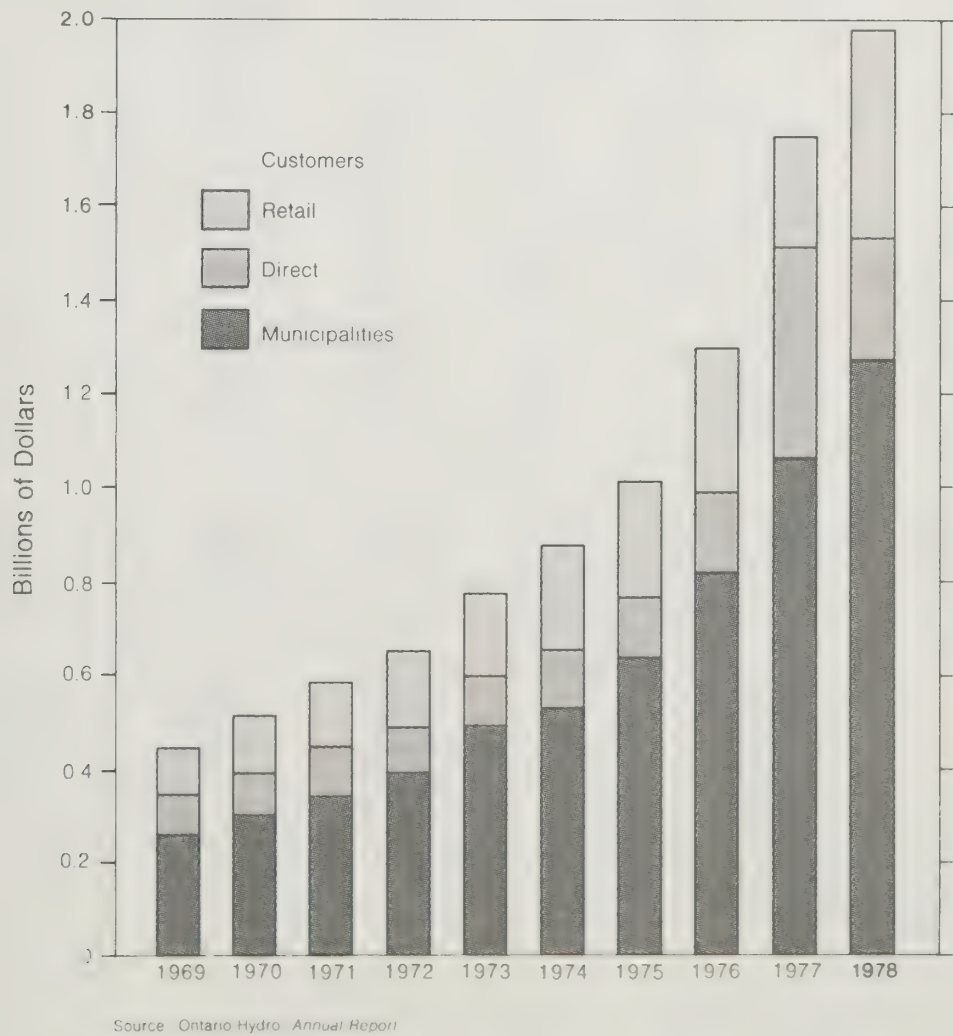


Table 19.1
Primary Fuel and Electricity, Ontario, 1965–1976

	Coal	Liquefied Petroleum Gas	Crude Oil	Natural Gas	Electricity ¹	Total
	BTU × 10 ⁹					
Production						
1965	-	-	7,423	12,953	112,890	133,267
1966	-	-	7,682	15,693	126,790	150,164
1967	-	-	7,197	14,229	129,937	151,363
1968	-	-	6,682	12,066	133,936	152,684
1969	-	-	6,741	11,332	138,581	156,654
1970	-	-	6,083	17,064	136,664	159,810
1971	-	-	5,560	16,260	143,314	165,134
1972	-	-	5,095	12,300	161,662	179,056
1973	-	-	4,689	9,528	187,885	202,102
1974	-	-	4,259	7,537	188,815	200,611
1975	-	-	4,085	10,935	171,478	186,498
1976	-	342	3,604	4,959	187,002	195,907
Exports						
1965	-	-	-	3,207	10,556	13,763
1966	-	213	-	3,405	11,078	14,695
1967	-	-	-	3,994	10,583	14,577
1968	-	-	-	4,849	8,630	13,479
1969	-	-	-	16,460	9,829	26,289
1970	-	60	-	33,638	12,278	45,975
1971	-	-	-	32,226	13,853	46,079
1972	-	-	-	17,740	20,729	38,469
1973	183	81	-	13,197	26,087	39,548
1974	-	-	-	13,148	26,860	40,008
1975	-	-	-	12,311	16,508	28,819
1976	-	56,592	-	12,876	21,213	90,681
Imports						
1965	385,023	-	3,789	18,000	9,887	416,698
1966	386,605	-	3,073	44,945	7,982	442,606
1967	381,100	-	2,450	70,357	8,585	462,492
1968	416,627	-	2,727	81,450	8,902	509,707
1969	411,354	-	2,446	34,823	7,643	456,266
1970	469,916	-	2,661	10,751	9,779	493,108
1971	429,613	-	2,371	14,236	8,717	454,937
1972	455,228	-	2,463	15,567	5,962	479,220
1973	406,296	-	2,843	14,736	5,438	429,313
1974	331,820	-	395	13,376	6,247	351,838
1975	428,383	-	1,729	10,153	9,265	449,530
1976	400,076	-	13,515	4,006	7,059	424,656
Inter-Region Transfers²						
1965	21,149	5,648	627,172	226,389	15,745	896,103
1966	29,084	7,551	651,957	234,905	20,981	944,479
1967	32,476	8,264	649,335	231,879	18,130	940,083
1968	30,451	10,883	689,761	250,620	15,689	997,403
1969	12,435	13,868	715,132	354,092	15,587	1,111,114
1970	14,610	13,678	776,332	471,084	21,714	1,297,417
1971	7,709	11,487	780,619	492,835	19,864	1,312,513
1972	1,672	18,694	792,687	573,169	28,618	1,414,840
1973	897	20,845	859,906	650,286	35,186	1,567,119
1974	6,387	23,562	956,119	684,966	41,621	1,712,655
1975	23,852	25,778	933,238	687,445	43,544	1,713,857
1976	13,741	78,745	948,518	707,839	43,919	1,792,762

1) Production includes nuclear energy generation of electricity, during 1962 to 1975 as follows:

1962–1967: 68.2×10^9 BTU each year

1968–1970: 1.0×10^9 BTU each year

1971: 4.5×10^9 BTU

1972: 6.3×10^9 BTU

1973: 8.2×10^9 BTU

1973–1975: 8.2×10^9 BTU

2) The inter-region transfers are into Ontario.

Source: Ministry of Treasury and Economics, Central Statistical Services.

Table 19.2
Secondary Energy: Petroleum Products, Ontario, 1958–1976

	Gasoline		Light Distillates		Fuel Oil			Liquefied Petroleum Gas, Still Gas, Petro Coke
	Motor and Aviation Gasoline	Motor Gasoline %	Kerosene and Aviation Turbo Fuel	Kerosene %	Diesel, Light and Heavy Fuel Oils	Diesel %	Light Fuel Oil %	
	BTU × 10 ⁹							
Output								
1958	126,812	100.0	21,326	82.20	162,398	16.02	51.20	22,801
1959	145,595	99.87	23,043	82.41	197,839	16.13	50.30	26,514
1960	144,055	99.35	23,972	80.42	191,830	16.87	48.98	29,185
1961	155,943	99.30	26,886	72.86	216,913	15.49	46.42	27,078
1962	164,895	99.56	27,456	75.06	224,442	15.57	44.38	24,466
1963	178,129	99.71	32,785	71.60	256,335	14.74	44.32	42,408
1964	204,252	99.69	32,961	69.82	265,650	15.01	44.40	46,483
1965	213,246	99.74	35,237	67.74	288,834	16.62	43.13	45,201
1966	221,805	99.79	36,362	61.24	302,949	16.82	41.40	43,209
1967	224,081	99.78	37,969	60.85	296,633	16.49	39.25	39,713
1968	239,032	99.82	36,700	62.07	315,890	17.77	40.81	42,495
1969	253,624	99.77	43,007	64.62	314,095	19.74	41.82	35,307
1970	271,288	99.86	47,922	64.19	347,859	18.65	42.48	31,017
1971	280,952	99.94	48,931	55.74	351,020	19.02	44.99	29,469
1972	301,066	99.96	46,760	57.43	328,844	20.46	43.65	27,231
1973	319,009	99.91	61,156	56.16	343,671	20.51	43.10	34,728
1974	354,240	99.82	74,158	56.43	368,978	21.09	37.74	37,099
1975	366,731	99.82	81,356	57.92	353,156	20.24	38.33	42,115
1976	358,130	99.88	84,107	59.12	370,582	18.88	40.56	52,926
Exports								
1958	-	-	94	99.95	1,907	-	15.41	929
1959	119	-	-	-	1,450	-	0.02	1,747
1960	2,117	100.00	--	100.00	1,267	-	22.10	2,302
1961	46	100.00	44	-	1,517	23.97	14.47	640
1962	1,025	100.00	204	90.11	2,978	17.62	5.92	533
1963	1,430	100.00	197	100.00	4,086	-	6.41	1,506
1964	1,808	96.70	143	100.00	4,417	-	7.34	2,385
1965	814	100.00	42	100.00	2,997	-	3.74	1,444
1966	340	100.00	59	100.00	2,020	-	28.14	939
1967	309	100.00	159	100.00	3,538	-	77.76	8
1968	1	100.00	458	100.00	5,491	-	82.57	1
1969	624	100.00	328	100.00	9,475	-	89.10	-
1970	624	100.00	216	93.68	9,467	0.04	89.38	2
1971	871	100.00	309	100.00	7,651	0.17	68.53	436
1972	315	100.00	20	100.00	15,933	-	23.05	169
1973	1,754	100.00	5	100.00	21,630	0.80	21.83	1,075
1974	22	100.00	86	100.00	34,834	0.15	6.17	-
1975	5,300	100.00	139	100.00	53,783	-	11.05	-
1976	4,204	100.00	309	100.00	41,164	-	2.52	45

Table 19.2 (cont'd)

Secondary Energy: Petroleum Products, Ontario, 1958-1976

	Gasoline		Light Distillates		Fuel Oil		Liquefied Petroleum Gas, Still Gas, Petro Coke	
	Motor and Aviation Gasoline	Motor Gasoline %	Kerosene and Aviation Turbo Fuel	Kerosene %	Diesel, Light and Heavy Fuel Oils	Diesel %	Light Fuel Oil %	
BTU × 10 ⁹								
Imports								
1958	4,267	37.94	1,822	100.00	25,227	0.89	57.30	2,242
1959	2,729	23.64	2,520	100.00	31,638	2.23	57.27	1,975
1960	1,909	61.02	975	100.00	31,341	3.72	51.70	2,571
1961	417	51.07	115	100.00	15,061	9.04	57.42	2,081
1962	24	100.00	14	100.00	13,928	3.37	36.30	2,248
1963	14	100.00	3	100.00	14,971	0.02	37.65	2,130
1964	1,374	100.00	245	100.00	22,451	-	20.40	2,970
1965	766	100.00	596	100.00	32,739	0.57	25.18	3,167
1966	1,124	100.00	53	100.00	33,709	12.14	23.17	3,222
1967	2,971	96.63	1,809	91.13	34,058	6.72	27.70	3,372
1968	154	100.00	3,979	44.17	29,144	10.15	50.88	4,372
1969	1	-	5,312	2.67	26,604	0.01	33.47	4,927
1970	-	-	5,522	7.59	21,113	2.69	22.14	5,892
1971	2	100.00	1,910	41.64	12,975	-	42.03	1,326
1972	5	100.00	2,246	2.05	22,294	-	41.26	1,473
1973	2	100.00	7	99.93	15,756	-	13.05	2,601
1974	-	-	172	69.19	8,323	-	17.66	2,390
1975	-	-	116	4.31	2,246	0.13	26.18	2,706
1976	-	-	11	100.00	695	-	68.20	4,598
Inter-Region Transfers								
1958	57,248	98.68	11,415	78.54	48,754	5.23	78.08	455
1959	50,603	98.21	13,031	78.99	63,560	6.56	74.42	142
1960	57,750	98.74	10,942	77.21	70,346	5.82	69.32	82
1961	50,445	98.11	11,421	78.10	82,427	4.10	74.09	7
1962	49,679	98.14	10,283	81.26	72,883	3.83	69.30	191
1963	49,619	97.92	9,985	86.06	83,577	5.92	60.59	247
1964	27,331	96.81	5,325	81.50	65,099	4.51	53.52	459
1965	28,749	97.02	6,393	90.85	71,475	8.61	49.21	347
1966	33,898	97.47	8,979	79.33	75,877	9.66	49.32	321
1967	37,092	97.76	8,949	69.37	80,319	15.37	50.92	386
1968	38,546	97.64	12,635	64.44	104,065	11.80	46.40	912
1969	38,880	97.60	9,660	71.77	102,884	9.72	49.80	1,121
1970	42,624	97.76	10,579	70.66	130,317	9.53	40.28	715
1971	46,603	97.82	9,512	65.88	132,548	8.42	38.99	-426
1972	50,752	97.34	12,475	56.46	131,396	7.55	35.31	-736
1973	46,191	97.19	11,878	55.52	127,720	7.53	30.24	-1,043
1974	43,304	97.78	10,239	49.38	95,094	8.17	31.96	-308
1975	58,074	98.35	11,014	60.35	96,708	10.10	34.98	-96
1976	47,325	97.14	9,708	60.47	107,197	8.77	24.38	154

1) In Ontario, since 1963, still gas has been used exclusively in the refining process and petroleum coke has been used almost entirely in "non-energy" applications.

Source: Ministry of Treasury and Economics Central Statistical Services.

Table 19.3
Secondary Energy: Supply of Coal Products, Ontario, 1958–1976

	Coke					Coke oven Gas
	Output		Export	Import	Inter-region Transfer	Output
		Blast Furnace Gas				
	BTU × 10 ⁹	%			BTU × 10 ⁹	
1958	62,869	0.40	1,038	6,252	539	18,850
1959	78,816	0.34	1,060	8,479	1,549	23,261
1960	72,712	0.40	1,017	6,355	843	21,208
1961	77,833	0.38	1,147	6,251	1,245	22,509
1962	80,549	0.44	1,022	5,051	2,427	23,507
1963	84,718	0.23	1,095	5,041	2,418	24,657
1964	86,689	1.04	211	6,961	2,978	26,512
1965	87,475	0.91	1	12,371	4,652	25,549
1966	87,740	0.96	1	12,665	3,900	25,148
1967	90,612	1.19	34	8,092	2,861	26,438
1968	108,354	1.12	1,022	4,179	3,918	34,371
1969	97,109	1.02	3,383	4,848	5,410	30,467
1970	114,899	0.92	3,045	6,337	4,693	36,233
1971	106,350	1.18	3,468	6,917	489	34,773
1972	111,733	1.07	2,477	5,677	1,871	36,284
1973	126,017	0.85	175	4,230	509	42,386
1974	125,940	1.05	309	5,836	4,377	41,489
1975	123,879	0.85	1,069	10,815	4,020	40,867
1976	129,891	0.77	572	4,148	416	43,205

Source: Ministry of Treasury and Economics, Central Statistical Services

Table 19.4
Secondary Energy: Generation of Secondary Electricity, Ontario, 1958–1976

	Energy Generated from Different Fuels				Total Secondary Electricity Generated
	Coal	Fuel Oils Incl. Diesel Oil	Natural Gas	Other	
	BTU × 10 ⁶				
1958	3,572,545	48,570	185,289	424,961	4,231,365
1959	2,720,490	31,326	228,140	420,734	3,400,690
1960	2,234,236	34,922	273,690	413,831	2,956,679
1961	3,440,978	38,781	293,398	377,418	4,150,575
1962	14,134,306	92,083	427,493	206,214	14,860,096
1963	28,026,267	248,264	243,709	80,608	28,598,848
1964	31,253,398	261,509	312,829	236,476	32,064,212
1965	39,050,514	327,242	580,057	207,514	40,165,327
1966	37,531,901	370,130	867,835	205,758	38,975,624
1967	46,574,745	590,795	418,325	266,569	47,850,434
1968	56,506,480	1,111,224	824,401	286,901	58,729,006
1969	66,064,942	1,568,899	1,125,349	215,066	68,974,256
1970	76,633,370	2,476,201	1,807,432	297,441	81,214,444
1971	83,790,337	1,970,536	4,814,547	308,499	90,883,919
1972	77,329,564	1,378,520	15,379,593	251,516	94,339,193
1973	65,501,727	1,238,341	18,082,368	328,255	85,150,691
1974	68,877,969	1,060,678	22,849,806	381,970	93,170,423
1975	69,761,991	2,385,039	24,097,646	318,398	96,563,073
1976	78,579,848	10,227,559	22,067,676	394,591	111,269,674

Source: Ministry of Treasury and Economics, Central Statistical Services.

Table 19.5
Energy Consumption by Use Sector¹, Ontario, 1958-1976

Transportation										
	Energy Supply Industry ²	Road, Rail, Air and Marine (excl. Navy)			Domestic and Farm			Commercial and Industrial ³	Other ⁴	Total
		Road	Rail	Air						
			%					BTU × 10 ⁹		
1958	47,788	74.56	15.16	4.04	264,000	430,409			-9,614	981,393
1959	57,359	78.65	11.36	3.74	285,056	486,153			490	1,077,898
1960	57,581	80.67	9.45	3.95	292,626	486,632			1,904	1,088,713
1961	62,691	81.61	8.35	4.19	296,757	507,703			862	1,124,928
1962	65,953	83.12	7.09	4.05	297,403	545,402			1,646	1,174,213
1963	70,497	83.54	6.88	4.17	313,896	580,612			14,389	1,256,869
1964	76,868	82.07	7.88	4.00	317,259	617,177			22,802	1,329,979
1965	85,395	81.02	6.73	4.12	324,723	677,831			33,641	1,437,600
1966	96,725	80.57	6.67	4.94	315,130	715,166			35,584	1,497,330
1967	96,023	82.39	6.31	5.48	335,737	756,303			27,367	1,561,260
1968	101,052	82.90	5.95	5.70	347,421	813,445			16,641	1,645,607
1969	97,944	83.01	5.71	6.09	369,070	811,552			11,148	1,670,539
1970	107,486	82.72	5.32	6.49	376,452	895,208			33,480	1,817,185
1971	114,191	83.63	5.39	6.31	366,682	906,750			23,996	1,834,681
1972	114,267	84.65	4.84	6.29	397,124	981,574			15,420	1,953,689
1973	112,789	83.33	4.80	6.67	382,621	997,631			36,218	2,019,659
1974	111,718	82.40	5.12	7.55	424,053	1,040,850			27,589	2,117,946
1975	110,477	83.04	4.76	7.72	403,719	988,562			31,618	2,053,628
1976	119,579	84.42	4.25	7.31	418,069	1,062,773			49,102	2,196,736

¹ The figures in this table comprise the total usage after stock changes, product substitution and secondary energy supply losses and adjustments have been allowed for.

² Includes: refinery and colliery consumption, electricity transmission losses and natural gas plant own-usage.

³ The terms "commercial" and "industrial" as used in this table are based largely on tariffs and cannot therefore be related to standard industry codes.

⁴ Includes "non-energy" use and "losses and adjustments".

Source: Ministry of Treasury and Economics, Central Statistical Services.

Table 19.6
Energy Consumption by Commodity Group, Ontario, 1960–1976

	Petroleum Products						
	Coal and Coal Products	Gasolines	Fuel Oils and Diesel	Light Distillates	Other ¹	Natural Gas	Electricity
BTU × 10 ⁹							
1960	276,154	202,996	301,720	33,391	31,699	115,973	126,780
1961	269,609	209,717	313,381	33,536	27,202	140,882	130,600
1962	262,996	218,378	330,414	33,226	27,309	164,930	136,961
1963	271,669	230,744	360,022	33,196	30,118	187,551	143,569
1964	280,675	240,973	371,873	31,868	33,846	215,377	155,368
1965	285,355	253,074	413,348	33,502	41,180	243,009	168,131
1966	284,230	265,909	417,959	36,946	38,562	270,073	183,651
1967	260,872	278,383	443,672	38,296	38,703	307,415	193,920
1968	259,027	295,831	464,662	38,970	42,609	335,882	208,626
1969	224,435	305,376	457,546	42,001	40,291	379,935	220,956
1970	232,050	319,529	505,542	45,910	40,784	436,277	237,094
1971	182,294	338,155	500,802	45,799	37,450	481,255	248,925
1972	184,877	363,650	508,722	45,707	42,679	538,202	269,851
1973	205,716	389,765	488,803	48,840	47,157	551,807	287,573
1974	191,667	399,585	511,014	52,403	57,004	603,280	302,993
1975	184,240	409,304	454,039	52,443	63,510	585,750	304,342
1976	183,887	422,771	476,289	52,305	79,625	653,822	328,037

¹ Includes all commodities consumed for energy purposes in Ontario; petroleum coke is also included.

Source: Ministry of Treasury and Economics Central Statistical Services.

Table 19.7
Efficiency of Energy Commodity Conversion, Ontario, 1960–1976

	Electricity Production				Coke Production	Petroleum Products Production		
	Coal	Fuel Oils and Diesel	Natural Gas	All Input Fuels ¹		Energy Products		Non- Energy Products Factor ²
					Coal to Coke etc.	Net ³	Gross	
	% output/input							
1960	21.94	10.27	24.14	23.48	89.54	79.15	88.50	12.39
1961	24.40	8.73	24.45	24.85	89.94	79.77	88.70	10.75
1962	31.29	12.47	24.15	30.94	90.98	80.17	89.18	10.23
1963	34.17	20.44	23.69	33.86	91.75	83.05	91.79	6.05
1964	33.70	21.13	22.36	33.29	92.21	83.02	91.32	5.94
1965	33.71	22.01	24.05	33.31	91.65	82.77	91.01	6.90
1966	32.89	20.78	25.03	32.41	92.97	82.74	90.85	6.83
1967	32.86	20.09	24.21	32.41	94.02	82.26	90.47	7.42
1968	32.30	21.76	24.57	31.79	91.19	82.42	89.25	6.39
1969	34.07	17.53	20.84	32.96	91.06	82.06	89.09	3.41
1970	34.81	20.92	20.36	33.52	88.87	81.87	88.67	7.82
1971	35.28	23.12	25.55	34.12	87.79	82.76	89.97	8.43
1972	35.97	21.06	27.03	33.74	89.69	80.89	87.85	11.02
1973	34.51	19.32	27.16	32.22	89.78	79.99	87.08	9.02
1974	35.78	19.29	27.82	33.06	92.08	79.95	86.59	7.68
1975	35.66	27.95	28.36	33.23	90.42	81.83	88.35	7.37
1976	35.95	31.95	35.50	35.46	90.87	83.54	90.70	8.20

¹ These include coal, fuel oils, diesel, natural gas, wood, blast furnace gas, coke oven gas, coke, LPG, still gas, motor gas, aviation gas, aviation turbo fuel and electricity

² Includes quantity of non-energy products as a per cent of crude oil input (barrels)

³ "Net" refers to a certain proportion of secondary products which are fed back into refining; these are deducted from output

Source: Ministry of Treasury and Economics Central Statistical Services.

Table 19.8

Energy Consumption in Manufacturing by Industry Group and Commodity, Ontario, 1972-1976

1972	No. of Estab- lish- ments	Coal ¹	Gas- line	Fuel Oil ²	Natural Gas	Elec- tricity	LPG ³	Other Fuels ⁴	Total
BTU X 10 ⁹									
Non-Durables									
Food and Beverage Industry	1,731	125	3,880	12,084	17,784	4,386	175	445	38,879
Tobacco Products	13	2	34	301	210	199	2	2	750
Rubber and Plastics	348	51	122	4,623	3,789	2,474	42	654	11,755
Products Industries	167	1	19	875	524	208	5	7	1,639
Leather Industries	377	91	105	5,225	4,587	2,644	20	317	12,989
Textile Industries	94	-	10	489	626	159	-	7	1,291
Knitting Mills	448	2	26	166	246	134	-	31	605
Clothing Industries	300	7,225	279	16,836	39,544	15,669	131	591	80,275
Paper and Allied Industries									
Printing, Publishing and									
Allied Industries	1,606	-	274	585	1,026	900	3	184	2,972
Petroleum and Coal									
Products Industries	33	-	61	405	2,764	3,116	1	81	6,428
Chemical and Chemical									
Products Industries	574	389	397	23,627	37,923	12,343	1,981	5,066	81,726
Miscellaneous									
Manufacturing Industries	1,081	41	274	1,462	1,685	932	13	46	4,453
Total Non-Durables	6,772	7,927	5,481	66,678	110,708	43,164	2,373	7,431	243,762
Durables									
Wood Industries	733	78	657	1,463	1,411	697	38	46	4,390
Furniture and Fixture									
Industries	860	123	142	595	998	400	13	47	2,318
Primary Metal Industries	211	14,050	281	21,091	50,511	19,357	161	980	106,431
Metal Fabricating Industries	2,099	7	773	2,527	10,873	2,880	157	176	17,393
Machinery Industries	546	262	183	1,535	4,363	1,678	41	26	8,088
Transportation Equipment									
Industries	391	3,631	834	6,262	12,594	6,456	166	866	30,809
Electrical Products									
Industries	457	8	200	2,509	4,660	2,529	32	37	9,975
Non-Metallic Mineral									
Products Industries	520	4,444	927	14,748	31,327	6,511	111	487	58,555
Total Durables	5,817	22,603	3,997	50,730	116,737	40,508	719	2,665	237,959
Total Durables and Non-Durables	12,589	30,530	9,478	117,408	227,445	83,672	3,092	10,096	481,721

Table 19.8 (cont'd)
Energy Consumption in Manufacturing by Industry Group and Commodity, Ontario, 1972-1976

1973	No. of Estab- lish- ments	Coal ¹	Gas- line	Fuel Oil ²	Natural Gas	Elec- tricity	LPG ³	Other Fuels ⁴	Total
BTU × 10 ⁹									
Non-Durables									
Food and Beverage Industry	1,673	91	3,531	10,185	19,563	4,539	192	459	38,560
Tobacco Products									
Industries	11	-	41	227	220	205	5	2	700
Rubber and Plastics									
Products Industries	381	17	138	3,711	4,157	2,956	27	618	11,624
Leather Industries	163	-	21	511	632	212	5	-	1,381
Textile Industries	373	-	97	4,626	5,140	2,710	19	376	12,968
Knitting Mills	92	-	10	394	637	171	-	11	1,223
Clothing Industries	433	-	27	145	271	157	-	28	628
Paper and Allied Industries	287	5,103	262	13,954	43,860	15,440	123	526	79,268
Printing, Publishing and									
Allied Industries	1,623	-	289	465	1,092	966	4	129	2,945
Petroleum and Coal									
Products Industries	33	-	44	487	3,399	3,348	1	67	7,346
Chemical and Chemical									
Products Industries	569	483	446	33,576	43,479	11,922	181	12,549	102,636
Miscellaneous									
Manufacturing Industries	1,032	26	210	1,224	1,884	976	32	36	4,388
Total Non-Durables	6,670	5,720	5,116	69,505	124,334	43,602	589	14,801	263,667
Durables									
Wood Industries	726	76	796	1,805	1,508	850	53	19	5,107
Furniture and Fixture									
Industries	837	27	147	485	1,005	392	17	12	2,085
Primary Metal Industries	207	9,415	278	15,537	57,654	21,095	250	3,483	107,712
Metal Fabricating Industries	2,046	114	788	2,099	11,402	3,102	173	166	17,844
Machinery Industries	566	5	210	1,301	4,804	1,802	60	24	8,206
Transportation Equipment									
Industries	384	2,705	920	6,111	13,618	7,365	194	777	31,690
Electrical Products									
Industries	450	1	199	2,112	4,931	2,812	40	19	10,114
Non-Metallic Mineral									
Products Industries	502	5,358	863	12,481	33,015	7,174	103	467	59,461
Total Durables	5,718	17,701	4,201	41,931	127,937	44,592	890	4,967	242,219
Total Non-Durables and Durables	12,388	23,421	9,317	111,436	252,271	88,194	1,479	19,768	505,886

Table 19.8 (cont'd)

Energy Consumption in Manufacturing by Industry Group and Commodity, Ontario, 1972-1976

1974	No. of Estab- lish- ments	Coal	Gaso- line	Fuel Oil ²	Natural Gas	Elec- tricity	LPG ³	Other Fuels ⁴	Total
					BTU × 10 ⁹				
Non-Durables									
Food and Beverage Industry	1,622	67	3,531	8,810	21,572	5,125	471	447	40,023
Tobacco Products Industries	9	25	39	240	204	222	6	5	741
Rubber and Plastics Products Industries	408	12	133	3,281	4,669	2,631	32	793	11,551
Leather Industries	169	-	17	467	760	212	3	-	1,459
Textile Industries	381	-	107	4,281	5,692	2,702	32	308	13,122
Knitting Mills	89	-	10	338	697	194	-	86	1,325
Clothing Industries	447	-	29	152	240	157	-	22	600
Paper and Allied Industries	294	12,502	246	15,057	47,719	16,695	173	715	93,107
Printing, Publishing and Allied Industries	1,666	-	309	438	1,172	877	6	106	2,908
Petroleum and Coal Products Industries	32	-	19	488	4,296	3,392	1	113	8,309
Chemical and Chemical Products Industries	551	252	428	32,705	53,804	11,860	152	17,469	116,670
Miscellaneous	1,074	7	244	1,165	2,038	993	26	25	4,498
Manufacturing Industries	6,742	12,865	5,112	67,422	142,863	45,060	902	20,089	294,313
Total Non-Durables									
Durables									
Wood Industries	740	34	828	1,912	1,448	887	90	56	5,255
Furniture and Fixture Industries	894	17	145	517	1,309	471	22	12	2,493
Primary Metal Industries	207	2,998	318	24,521	58,630	22,209	140	4,512	113,328
Metal Fabricating Industries	2,114	12	866	2,116	12,971	3,316	299	202	19,782
Machinery Industries	605	34	226	1,074	5,144	1,812	109	27	8,426
Transportation Equipment Industries	396	2,003	1,128	5,063	14,362	6,991	215	632	30,394
Electrical Products Industries	475	1	184	2,031	5,668	2,910	55	30	10,879
Non-Metallic Mineral Products Industries	488	5,658	860	12,503	36,401	7,213	105	487	63,227
Total Durables	5,919	10,757	4,555	49,737	135,933	45,809	1,035	5,958	253,784
Total Non-Durables and Durables	12,661	23,622	9,667	117,159	278,796	90,869	1,937	26,047	548,097

Energy Consumption in Manufacturing by Industry Group and Commodity, Ontario, 1972-1976

1975	No. of Estab- lish- ments	Coal ¹	Gaso- line	Fuel Oil ²	Natural Gas	Elec- tricity	LPG ³	Other Fuels ⁴	Total
BTU × 10 ⁹									
Non-Durables									
Food and Beverage Industry	1,550	53	3,139	7,840	23,837	5,089	179	518	40,655
Tobacco Products									
Industries	10	-	44	261	214	225	7	6	758
Rubber and Plastics									
Products Industries	401	-	102	2,214	6,155	2,453	35	603	11,562
Leather Industries	161	-	15	432	982	233	10	-	1,672
Textile Industries	385	-	134	3,343	5,776	2,877	32	268	12,430
Knitting Mills	84	-	9	298	606	158	2	64	1,137
Clothing Industries	435	-	33	155	246	172	-	24	630
Paper and Allied Industries	302	5,575	220	9,388	34,653	11,927	110	701	62,574
Printing, Publishing and									
Allied Industries	1,588	1	310	325	1,250	796	4	112	2,798
Petroleum and Coal									
Products Industries	31	-	29	329	5,567	3,510	1	535	9,971
Chemical and Chemical									
Products Industries	538	12	420	25,691	54,697	11,436	190	15,490	107,936
Miscellaneous									
Manufacturing Industries	1,004	-	238	934	2,346	1,185	20	32	4,755
Total Non-Durables	6,489	5,641	4,693	51,210	136,329	40,061	590	18,353	256,878
Durables									
Wood Industries	726	14	544	1,320	1,690	929	70	114	4,681
Furniture and Fixture									
Industries	785	6	100	513	1,262	419	16	9	2,325
Primary Metal Industries	201	1,806	337	20,125	56,169	19,932	146	3,590	102,105
Metal Fabricating Industries	2,070	2	734	1,946	12,900	3,209	229	201	19,221
Machinery Industries	606	8	283	876	5,306	1,751	85	14	8,323
Transportation Equipment									
Industries	392	1,257	1,072	5,818	13,542	6,798	201	669	29,357
Electrical Products									
Industries	487	10	126	1,592	5,614	2,691	75	117	10,225
Non-Metallic Mineral									
Products Industries	489	4,486	582	10,119	34,216	6,192	102	429	56,126
Total Durables	5,756	7,589	3,778	42,309	130,699	41,921	924	5,143	232,363
Total Durables and									
Non-Durables	12,245	13,230	8,471	93,519	267,028	81,982	1,514	23,496	489,241

Table 19.8 (cont'd)
Energy Consumption in Manufacturing by Industry Group and Commodity, Ontario, 1972-1976

1976	No. of Estab- lish- ments	Coal ¹	Gas- line	Fuel Oil ²	Natural Gas	Elec- tricity	LPG ³	Other Fuels ⁴	Total
BTU × 10 ⁹									
Non-Durables									
Food and Beverage Industry	1,473	45	3,072	6,847	24,255	4,977	171	703	40,071
Tobacco Products Industries	9	-	45	200	281	203	12	4	746
Rubber and Plastics Products Industries	407	-	130	1,975	6,244	2,766	44	585	11,744
Leather Industries	153	-	16	415	1,123	255	5	-	1,814
Textile Industries	367	-	132	4,487	5,712	2,592	37	355	13,315
Knitting Mills	79	-	7	282	735	177	-	59	1,260
Clothing Industries	414	-	40	165	257	180	1	15	657
Paper and Allied Industries	301	3,412	274	9,564	47,472	14,796	118	606	76,242
Printing, Publishing and Allied Industries	1,486	1	323	286	1,343	968	2	129	3,052
Petroleum and Coal Products Industries	30	-	31	354	3,545	3,618	1	862	8,413
Chemical and Chemical Products Industries	524	-	383	32,551	63,839	12,469	126	16,821	126,190
Miscellaneous Manufacturing Industries	960	-	235	991	2,310	1,000	18	94	4,648
Total Non-Durables	6,203	3,458	4,688	58,117	157,116	44,001	535	20,233	288,152
Durables									
Wood Industries	733	95	651	1,202	1,189	633	28	46	3,844
Furniture and Fixture Industries	872	168	124	544	956	362	12	14	2,180
Primary Metal Industries	204	18,270	288	23,036	45,499	18,612	127	763	106,595
Metal Fabricating Industries	2,157	268	755	2,427	9,617	2,740	123	147	16,077
Machinery Industries	534	353	191	1,433	3,795	1,504	48	27	7,351
Transportation Equipment Industries	389	4,865	750	5,588	10,409	6,024	120	890	28,646
Electrical Products Industries	471	124	220	2,693	4,123	2,622	31	35	9,848
Non-Metallic Mineral Products Industries	537	4,921	1,032	12,879	27,817	5,810	97	460	53,016
Total Durables	5,897	29,064	4,011	49,802	103,405	38,307	586	2,382	227,557
Total Non-Durables and Durables	12,741	40,758	9,677	108,802	202,906	80,663	1,811	11,446	456,063

1) Aggregation of bituminous coal (Canadian and Imported), sub-bituminous coal, anthracite coal, lignite coal and coke.

2) Fuel oil including diesel fuel, kerosene and bunker "C".

3) LPG = liquefied petroleum gas (Propane etc.).

4) Estimated.

Table 13.3
Energy Sales, Ontario Hydro, 1970-1978

	1970	1971	1972	1973	1974	1975	1976	1977	1978
Disposal of Energy									
Primary Energy Sales (Million kWh)									
Municipalities	38,848	41,771	45,950	49,340	51,852	54,523	57,635	58,348 ^r	61,285
Retail	7,560	8,247	9,069	9,880	10,736	11,049	12,436	13,021 ^r	12,927
Direct	13,679	13,727	13,539	14,075	14,829	12,594	14,071	15,187 ^r	14,775
Total	60,087	63,745	68,558	73,295	77,417	78,166	84,142	86,556 ^r	88,987
Secondary Energy Sales and Transfers (Million kWh)	3,728	4,073	6,478	7,745	8,078	4,918	6,625 ^r	10,540 ^r	11,549
Losses and Unaccounted for ¹	4,259	4,404	4,958	4,868	5,278	6,056	6,711 ^r	6,298 ^r	6,386
Average Revenue per kWh (¢)									
Residential	1.38	1.45	1.53	1.63	1.74	1.94	2.23	2.80	2.98
Farm	1.76	1.79	1.78	1.87	2.06	2.24	2.46	3.02 ^r	3.21
General	0.94	1.00	1.04	1.13	1.21	1.39	1.63	2.08 ^r	2.17
Miles of Line (Circuit Miles)									
Transmission	21,208	21,915	22,325	22,920	23,282	23,741	24,211 ¹	24,684	24,919
Retail Distribution	51,777	52,747	53,322	54,116	54,740	55,567	56,150	56,671	56,283
Revenues (\$ Million)									
Primary Power and Energy	534	607	665	794	896	1,028	1,320	1,637 ^{1,2}	1,849 ²
Municipal Utilities	327	373	419	506	551	654	838	1,108	1,275
Retail Customers	120	139	151	178	219	248	312	407	442
Direct Customers	87	95	94	110	126	126	170	244	262
Secondary Power and Energy	20	23	37	62	102	43	90	210	289

¹ The allocation of total transmission losses to primary and secondary loads is estimated.

² Primary Power and Energy reduced by excess revenues of \$122 million in 1977 and \$130 million in 1978.

Source: Ontario Hydro.

Table 19.10
Percentage of Energy Supply by Source, Ontario Hydro, 1950–1978

	Hydro	Coal	Natural Gas	Oil	Nuclear	Receipts	Total Kilowatt Hours
							Million
1950	67.15	0.63	-	0.02	-	32.20	18,259
1951	74.01	0.55	-	-	-	25.44	18,811
1952	74.38	2.07	-	-	-	23.55	19,975
1953	69.35	8.41	-	-	-	22.24	20,913
1954	76.48	4.27	-	-	-	19.25	22,387
1955	83.10	1.50	-	0.01	-	15.39	26,555
1956	81.99	3.16	-	0.01	-	14.84	29,524
1957	79.58	4.69	-	0.01	-	15.72	31,101
1958	79.61	1.91	-	0.01	-	18.47	31,450
1959	82.50	0.95	-	0.01	-	16.54	35,465
1960	83.65	0.44	-	0.01	-	15.90	37,709
1961	80.04	1.34	-	0.01	-	18.61	38,212
1962	69.98	9.16	-	0.01	0.05	20.80	39,884
1963	63.45	18.45	-	0.01	0.21	17.88	41,471
1964	61.12	18.99	-	-	0.32	19.57	44,399
1965	62.16	22.39	-	0.01	0.25	15.19	47,528
1966	65.04	19.74	-	0.02	0.31	14.89	51,753
1967	62.61	23.61	-	0.04	0.14	13.60	54,615
1968	59.76	26.72	-	0.15	0.15	13.22	58,694
1969	58.71	29.87	-	0.22	0.13	11.07	62,449
1970	52.46	32.51	-	0.42	0.18	14.43	68,074
1971	48.25	33.87	1.10	0.16	4.03	12.59	72,221
1972	47.02	28.17	4.21	0.07	7.24	13.29	79,994
1973	42.92	22.18	4.24	0.05	15.81	14.80	85,909
1974	41.59	22.14	5.41	0.02	14.91	15.93	90,774
1975	39.41	22.84	5.99	0.63	12.68	18.45	89,140
1976	36.10	23.63	4.60	2.95	16.46	16.26	97,478
1977	32.44	25.44	3.92 ^r	1.51	23.68	13.00	103,394
1978	33.51	25.32	1.95	1.63	27.09	10.50	106,922

Source: Ontario Hydro.

Table 19.11
Primary Energy Made Available, Ontario Hydro, 1950–1978

Annual Quantity		Annual Quantity		Annual Quantity	
Billions of kilowatt-hours					
1950	15.58	1960	32.72	1970	64.29
1951	17.64	1961	33.86	1971	68.13
1952	18.77	1962	35.78	1972	73.49
1953	19.95	1963	37.64	1973	78.16
1954	20.79	1964	40.63	1974	82.70
1955	23.26	1965	43.58	1975	84.22
1956	25.54	1966	48.06	1977	92.80
1957	27.40	1967	51.36	1978	95.37
1958	28.38	1968	55.79		
1959	31.55	1969	59.43		

Source: Ontario Hydro.

Table 19.12
Generation of Energy, Canada and Ontario, 1972-1977

	1972	1973	1974	1975	1976	1977
Canada	Thousands of kilowatt-hours ¹					
Electric Utilities and Industrial Establishments						
Hydro	179,944,321	192,842,504	210,936,420	202,396,449	212,791,615	220,267,530
Thermal	60,268,427	70,492,397	69,319,855	70,995,922	81,251,815	96,928,382
Total energy generated	240,212,748	263,334,901	280,256,275	273,392,371	294,043,430	317,195,912
Electric Utilities						
Publicly and privately-operated						
Hydro	151,527,740	161,076,292	178,206,880	172,920,099	188,803,729	190,014,595
Thermal	54,775,423	64,277,916	63,210,557	65,428,027	74,935,277	90,255,157
Total energy generated	206,303,163	225,354,208	241,417,437	238,348,126	263,739,006	280,269,752
Publicly-operated						
Hydro	131,301,267	135,058,708	143,605,889	132,153,347	.. ⁸	.. ⁸
Thermal	45,504,900	55,718,776	54,074,139	55,389,845	.. ⁸	.. ⁸
Total energy generated	176,806,167	190,777,484	197,680,028	187,543,192	.. ⁸	.. ⁸
Privately-operated						
Hydro	20,226,473	26,017,584	34,600,991	40,766,752	.. ⁸	.. ⁸
Thermal	9,270,523	8,559,140	9,136,418	10,038,182	.. ⁸	.. ⁸
Total energy generated	29,496,996	34,576,724	43,737,409	50,804,934	.. ⁸	.. ⁸
Industrial Establishments						
Hydro	28,416,581	31,766,212	32,729,540	29,476,350	23,987,886	30,252,935
Thermal	5,493,004	6,214,481	6,109,298	5,567,895	6,316,538	6,673,225
Total energy generated	33,909,585	37,980,693	38,838,838	35,044,245	30,304,424	36,926,160

Table 19.12 (cont'd)

Generation of Energy, Canada and Ontario, 1972-1977

	1972	1973	1974	1975	1976	1977
Thousands of kilowatt-hours ¹						
Ontario						
Electric Utilities and Industrial Establishments						
Hydro	41,263,754	40,809,952	41,473,669	38,399,565	38,376,851	36,519,730
Thermal	33,765,808 ³	39,212,215 ⁴	41,171,537 ⁵	40,158,765 ⁶	49,041,531 ⁷	59,361,120 ⁹
Total energy generated	75,029,562	80,022,167	82,645,206	78,558,330	87,418,382	95,880,850
Electric Utilities						
Publicly and privately-operated						
Hydro	39,665,410	39,221,219	39,804,414	36,840,237	36,775,892	34,832,072
Thermal	32,157,836 ³	37,078,505 ⁴	38,953,972 ⁵	38,154,558 ⁶	46,817,193 ⁷	56,759,551 ⁹
Total energy generated	71,823,246	76,299,724	78,758,386		83,593,085	91,591,623
Publicly-operated						
Hydro	37,853,512	37,079,969	37,956,520	35,327,712	.. ⁸	.. ⁸
Thermal	32,136,344 ³	37,053,061 ⁴	38,933,996	38,137,972	.. ⁸	.. ⁸
Total energy generated	69,989,856	74,133,030	76,890,516	73,465,684	.. ⁸	.. ⁸
Privately-operated						
Hydro	1,811,898	2,141,250	1,847,894	1,512,525	.. ⁸	.. ⁸
Thermal	21,492	25,444	19,976	16,586	.. ⁸	.. ⁸
Total energy generated	1,833,390	2,166,694	1,867,870	1,529,111	.. ⁸	.. ⁸
Industrial Establishments						
Hydro	1,598,344	1,588,733	1,669,255	1,559,328	1,600,959	1,687,658
Thermal	1,607,972	2,133,710	2,217,565	2,004,207	2,224,338	2,601,569
Total energy generated	3,206,316	3,722,443	3,886,820	3,563,535	3,825,297	4,289,227

1) Kilowatt-hours generated after deducting station service.

2) Includes 3,892,266 thousand kilowatt-hours of nuclear generation.

3) Includes 6,116,572 thousand kilowatt-hours of nuclear generation.

4) Includes 14,255,975 thousand kilowatt-hours of nuclear generation.

5) Includes 13,863,848 thousand kilowatt-hours of nuclear generation.

6) Includes 11,857,747 thousand kilowatt-hours of nuclear generation.

7) Includes 16,430,255 thousand kilowatt-hours of nuclear generation.

8) Breakdown discontinued.

9) Includes 24,828,480 thousand kilowatt-hours of nuclear generation.

Source: SC, *Electric Power Statistics, Volume II*.

Electric Energy Distributed to Residential and General Services by Ontario Hydro¹, by Selected Urban Area², Ontario, 1974-1978

Electric Energy Distributed to:

	Residential Services					General Services ³				
	Per Cent Change					Per Cent Change				
	1978 Total	78/77	77/76	76/75	75/74	1978 Total	78/77	77/76	76/75	75/74
	Million kWh					Million kWh				
Ontario ⁵	23,362	3.2	2.8	8.0	5.0	60,703	2.1	3.7	7.9	-1.0
Toronto (metro)	4,703	.1	0.3	1.9	3.1	13,742	2.1	1.3	5.1	5.9
Hamilton ⁴	727	.8	-7	3.9	5.6	4,622	3.6	1.2	3.3	1.3
Ottawa	891	3.8	-3.1	3.5	0.2	2,367	.7	-2.9	6.4	9.0
London	620	3.9	2.1	1.9	8.8	1,167	1.9	0.4	3.9	6.3
Windsor	475	1.9	3.8	4.2	5.5	1,355	.7	4.6	12.2	2.2
Kitchener ^{4,6}	373	18.0	2.3	4.4	-0.7	886	12.3	1.8	7.2	8.1
St. Catharines	279	-1.1	5.2	3.5	8.0	984	1.9	3.6	10.8	2.4
Thunder Bay	341	3.3	1.2	2.8	1.0	599	5.5	2.0	3.7	8.0
Oshawa	346	4.2	7.4	5.5	3.8	772	2.4	5.6	8.8	0.3
Niagara Falls	144	-	5.1	3.0	5.6	259	3.2	9.6	0.9	5.2
Brantford	191	4.9	4.0	5.4	5.3	395	.8	2.3	4.9	7.8
Guelph	216	2.4	-5	9.3	8.2	476	1.7	0.2	8.1	5.5
Kingston	157	1.9	-6	4.7	-1.7	351	5.1	1.5	5.8	6.5
Peterborough	210	5.0	2.6	3.7	3.7	348	2.7	-0.6	7.2	11.0
Sarnia ⁴	147	-1.3	1.4	2.9	5.9	506	11.7	17.1	9.9	12.5
North Bay	178	5.3	-3.4	10.8	2.3	245	2.9	3.0	6.5	6.9
Welland	84	5.0	3.9	1.3	6.1	213	6.5	-7.0	-2.3	6.0
Brampton ⁶	318	154.4	5.0	8.2	5.6	689	157.1	2.7	5.2	7.0

1) Electrical energy distributed by Ontario Hydro and The Associated Municipal Utilities only.

2) Urban areas represent incorporated municipalities.

3) General Services is the former Commercial and Industrial Services.

4) Utilities on Commercial and Industrial Rate.

5) Including urban areas not listed here.

6) Restructured in 1978.

Source: Ontario Hydro.

Table 19.14
Number of Ultimate Customers¹ Served Directly or Indirectly by Ontario Hydro, 1961–1978

	Retail Customers of the Municipal Utilities	Power District		Total
		In Rural Areas (Including Utilities)	Direct Customers (Including Utilities)	
1961	1,423,427	515,257	213	1,938,897
1962	1,460,553	530,526	210	1,991,289
1963	1,497,857	543,675	200	2,041,732
1964	1,552,238	543,345	171	2,095,754
1965	1,595,343	546,771	167	2,142,281
1966	1,630,255	557,338	173	2,187,766
1967	1,673,104	572,422	189	2,245,715
1968	1,709,111	582,718	186	2,292,015
1969	1,738,512	605,112	183	2,343,807
1970	1,766,086	622,379	96	2,388,561
1971	1,789,599	644,747	100	2,434,446
1972	1,821,795	658,565	102	2,480,462
1973	1,841,958	694,852	98	2,536,908
1974	1,872,461	720,273	99	2,592,833
1975	1,899,392	747,609	107	2,647,108
1976	1,941,100	768,956	109	2,710,165
1977	1,979,494	795,162	113	2,774,769
1978	2,046,952	785,705	108	2,832,765

1) For the years 1961–1969, special customers below 5000 kW were included in "Direct Customers". After 1969, these customers were included in "Retail Customers of Ontario Hydro – in Rural Areas".

Source: Ontario Hydro.

Table 19.15

Electric Energy Sales and Revenue, Ultimate Customers Served Directly or Indirectly by Ontario Hydro, by Economic Region, 1961–1978

	Total All Zones		Eastern Ontario				Lake Ontario	
			Ottawa Valley		Upper St. Lawrence			
	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue
	Millions	\$'000's	Millions	\$'000's	Millions	\$'000's	Millions	\$'000's
961	30,770.6	307,516	1,830.9	19,077	1,073.0	9,474	1,494.5	16,739
962	32,868.7	325,345	1,996.1	20,876	1,158.0	10,273	1,561.1	17,705
963	34,930.0	345,100	2,162.5	22,776	1,209.9	10,786	1,677.2	19,074
964	37,606.8	368,489	2,325.8	24,549	1,320.9	11,693	1,787.2	20,512
965	40,856.3	398,815	2,500.7	26,256	1,458.2	12,677	1,853.9	21,622
966	44,853.0	429,599	2,650.5	27,921	1,646.8	14,283	2,037.9	22,954
967	47,606.5	463,978	2,990.8	31,754	1,656.3	14,740	2,222.2	24,840
968	51,769.5	516,474	3,252.4	35,906	1,732.4	15,512	2,351.5	27,087
969	55,143.4	576,253	3,587.7	40,746	1,777.4	16,733	2,631.2	30,929
970	59,746.1	644,466	3,926.6	46,428	1,841.6	18,135	2,896.1	35,249
971	63,283.9	714,358	4,194.4	53,978	1,915.4	19,837	3,147.7	39,510
972	68,068.8	795,008	4,640.2	62,033	2,045.9	21,720	3,388.6	44,179
973	72,672.9	915,411	5,052.7	68,705	2,131.8	24,788	3,632.0	50,049
974	76,290.2	1,039,278	5,422.4	79,831	2,253.5	28,841	3,905.3	59,014
975	76,542.5	1,187,918	5,718.1	94,792	2,469.5	38,837	3,619.6	61,478
976	82,132.9	1,486,810	6,313.1	119,908	2,663.5	48,332	3,909.8	77,556
977	84,897.1	1,950,584	6,329.4	150,332	2,825.9	64,869	4,052.1	102,096
978	86,859.3	2,096,844	6,560.3	165,603	2,961.1	71,490	4,188.0	111,693

Table 19.15 (cont'd)

	Metropolitan Toronto Region		Niagara				Lake Erie	
			Burlington		Niagara			
	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue
	Millions	\$'000's	Millions	\$'000's	Millions	\$'000's	Millions	\$'000's
61	8,393.8	98,147	2,644.8	23,964	3,711.9	24,575	1,264.0	16,410
62	9,050.3	104,792	2,831.8	25,115	4,204.8	26,262	1,379.4	17,416
63	9,762.2	111,591	3,114.9	26,189	4,097.0	26,398	1,472.8	18,414
64	10,721.4	120,065	3,428.0	28,343	4,422.9	28,097	1,599.9	19,692
65	11,706.0	130,088	3,763.5	32,229	4,861.0	30,190	1,744.0	21,909
66	12,971.9	141,391	4,197.1	35,709	5,249.7	32,889	1,909.6	23,559
67	14,096.8	152,730	4,256.9	37,975	5,133.5	34,002	2,076.8	25,588
68	15,352.1	173,001	4,555.2	41,376	5,110.3	35,477	2,271.8	27,844
69	16,789.4	193,551	4,658.8	44,551	5,404.5	40,472	2,474.3	31,330
70	17,917.4	210,605	5,012.7	50,728	5,540.0	43,844	2,635.2	35,208
71	19,507.0	237,304	5,241.2	54,459	5,413.8	46,203	2,784.8	37,538
72	21,284.1	268,996	5,756.6	61,374	5,331.3	47,974	3,020.3	41,438
73	22,970.0	312,728	6,217.7	72,992	5,336.4	54,949	3,324.7	47,735
74	24,385.5	351,684	6,350.3	79,119	5,463.0	60,987	3,468.9	53,560
75	25,803.5	411,384	6,393.2	88,000	8,448.2 ¹	128,392 ¹	...	...
76	27,285.9	508,536	6,667.9	111,190	8,710.9 ¹	156,307 ¹	...	...
77	27,934.1	661,853	6,782.8	145,738	9,085.4	205,777	...	...
78	28,830.3	711,606	6,915.8	153,413	9,404.0	222,879	...	...

Table 19.15 (cont'd)

Electric Energy Sales and Revenue, Ultimate Customers Served Directly or Indirectly by Ontario Hydro, by Economic Region, 1961–1978

	Lake St. Clair				Upper Grand River		Georgian Bay			
	Border		Lambton		Sales kWh	Revenue	Blue Water		Highlands	
	Sales kWh	Revenue	Sales kWh	Revenue			Sales kWh	Revenue	Sales kWh	Revenue
	Millions	\$'000's	Millions	\$'000's	Millions	\$'000's	Millions	\$'000's	Millions	\$'000's
1961	909.0	13,418	1,203.1	8,937	1,388.8	17,924	748.0	11,139	124.3	2,330
1962	977.9	14,047	1,200.1	8,981	1,514.3	19,234	811.7	11,873	132.3	2,490
1963	1,067.8	14,891	1,332.6	10,272	1,664.3	20,701	892.7	12,885	147.7	2,730
1964	1,175.7	15,900	1,194.8	9,916	1,800.9	22,036	952.0	13,616	173.3	3,020
1965	1,347.4	17,598	1,360.8	11,156	2,005.8	24,117	1,068.2	14,718	183.9	3,320
1966	1,506.0	18,984	1,738.9	12,954	2,185.6	25,737	1,170.3	15,559	201.7	3,480
1967	1,654.0	20,841	1,887.4	13,673	2,402.4	28,383	1,329.5	17,116	224.7	3,770
1968	1,855.5	23,629	2,187.0	15,629	2,627.6	31,767	1,489.1	19,392	257.1	4,230
1969	1,992.3	25,931	2,314.8	17,710	2,821.9	35,078	1,698.5	23,257	294.4	4,860
1970	2,211.2	29,142	2,616.6	20,749	3,051.5	38,937	1,882.4	26,273	337.9	5,510
1971	2,449.6	33,378	2,683.2	22,494	3,258.7	41,712	2,049.7	29,577	400.8	6,430
1972	2,677.0	37,587	2,564.4	21,172	3,543.4	47,166	2,389.9	34,594	456.6	7,410
1973	2,892.7	42,616	2,218.7	21,792	3,762.2	52,405	2,888.5	42,589	486.1	8,390
1974	2,914.6	45,504	2,124.6	23,796	3,912.7	58,897	3,257.0	51,355	537.5	9,840
1975	2,976.8	52,176	2,135.0	27,207	4,119.7	69,151	2,860.3	54,957	561.1	11,830
1976	3,228.0	62,939	2,325.6	34,492	4,400.8	85,802	3,180.4	69,125	611.2	14,240
1977	3,392.6	83,592	2,575.1	49,526	4,516.7	110,852	3,285.4	90,189	639.3	18,800
1978	3,473.6	90,260	2,689.6	53,738	4,740.4	122,279	3,417.7	99,521	649.4	20,600

Table 19.15 (cont'd)

	Northeastern Ontario						Northwestern Ontario		
	Clay Belt		Nickel Range		Sault		Lakehead		
	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue	Revenue
	Millions	\$'000's	Millions	\$'000's	Millions	\$'000's	Millions	\$'000's	\$'000's
1961	1,190.7	11,494	1,610.2	12,179	419.9	3,408	2,763.7	18,300	18,300
1962	1,182.8	11,849	1,574.5	12,311	374.0	3,142	2,919.6	18,970	18,970
1963	1,187.4	12,590	1,638.6	12,942	386.7	3,159	3,114.8	19,650	19,650
1964	1,216.7	13,108	1,801.2	13,825	333.9	3,063	3,352.2	21,040	21,040
1965	1,330.3	13,920	1,925.3	14,499	239.5	2,513	3,507.8	21,990	21,990
1966	1,368.2	13,838	1,950.7	14,363	259.6	2,562	3,808.5	23,400	23,400
1967	1,557.1	15,264	2,248.5	16,048	326.2	3,000	3,543.4	24,240	24,240
1968	1,778.6	16,894	2,626.3	18,254	484.2	4,062	3,838.4	26,400	26,400
1969	1,891.8	19,002	2,240.0	17,870	418.5	3,860	4,147.9	30,360	30,360
1970	2,005.2	20,708	3,042.9	24,353	593.3	4,907	4,235.5	33,600	33,600
1971	2,049.8	22,372	3,294.6	27,949	557.9	5,171	4,335.3	36,400	36,400
1972	2,435.7	26,115	3,104.3	28,308	827.0	5,121	4,604.6	39,800	39,800
1973	2,741.9	31,400	3,112.5	31,932	1,162.5	7,084	4,742.5	45,200	45,200
1974	2,960.2	37,148	3,360.7	37,300	1,140.4	10,711	4,833.5	51,600	51,600
1975	2,836.3	41,530	3,305.6	41,562	1,092.4	12,323	4,203.1	54,300	54,300
1976	3,197.5	54,078	3,570.1	53,681	1,328.8	18,302	4,739.4	72,300	72,300
1977	3,159.9	70,286	3,450.8	67,555	1,493.5	26,624	5,365.0	102,400	102,400
1978	3,257.8	75,308	2,927.9	63,696	1,419.1	26,454	5,424.3	108,200	108,200

1) The Niagara figures for 1975, 1976 and 1977 represent Niagara and Lake Erie.

Source: Ontario Hydro.

Table 19.16
Installed Generating Capacity, Canada and Ontario, 1972–1977¹

	1972	1973	1974	1975	1976	1977
Nameplate rating in '000's kilowatts						
Canada						
Electric Utilities and Industrial Establishments						
Hydro	32,500	34,266	36,779	37,282	39,488	40,810
Thermal	17,444	20,111	20,751	24,070	26,908	29,765 ⁶
Total installed generating capacity	49,944	54,377	57,530	61,352	66,396	70,575
Electric Utilities						
Publicly and privately-operated						
Hydro	28,433	29,863	32,376	32,821	35,014	36,305
Thermal	16,130	18,678	19,284	22,537	25,229	27,903 ⁶
Total installed generating capacity	44,563	48,541	51,660	55,358	60,243	64,238
Publicly-operated						
Hydro	23,778	24,169	24,775	25,266	28,158	28,732
Thermal	14,341	16,790	17,389	20,451	22,716	24,999 ⁶
Total installed generating capacity	38,119	40,959	42,164	45,717	50,874	53,731
Privately-operated						
Hydro	4,655	5,694	7,601	7,555	6,856	7,572
Thermal	1,789	1,888	1,894	2,085	2,513	2,904
Total installed generating capacity	6,444	7,582	9,495	9,641	9,369	10,477
Industrial Establishments						
Hydro	4,067	4,403	4,403	4,460	4,474	4,505
Thermal	1,314	1,433	1,467	1,534	1,679	1,862
Total installed generating capacity	5,381	5,836	5,870	5,994	6,153	6,367

Table 19.16 (cont'd)
Installed Generating Capacity, Canada and Ontario, 1972-1977¹

	1972	1973	1974	1975	1976	1977
Nameplate rating in '000's kilowatts						
Ontario						
Electric Utilities and Industrial Establishments						
Hydro	7,008	7,008	7,008	6,989	7,024	7,084
Thermal	9,148 ³	10,799 ⁴	11,353 ⁴	14,147	15,529 ⁵	16,827
Total installed generating capacity	16,156	17,807	18,361	21,136	22,240	23,911
Electric Utilities						
Publicly and privately-operated						
Hydro	6,754	6,754	6,754	6,690	6,726	6,785
Thermal	8,713 ³	10,260 ⁴	10,788 ⁴	13,586	14,909 ⁵	16,520
Total installed generating capacity	15,467	17,014	17,542	20,276	21,635	23,305
Publicly-operated						
Hydro	6,423	6,423	6,423	6,387	6,423	6,482
Thermal	8,705 ³	10,252 ⁴	10,780 ⁴	13,581	14,903	16,514
Total installed generating capacity	15,128	16,675	17,203	19,968	21,326	22,996
Privately-operated						
Hydro	332	332	332	303	303	303
Thermal	8	8	8	6	6	6
Total installed generating capacity	340	340	340	308	309	309
Industrial Establishments						
Hydro	253	253	253	299	299	299
Thermal	435	539	564	561	620	300
Total installed generating capacity	688	792	817	860	919	600

1) Generating capacity figures are for the end of each year.
2) Includes 1,320,000 kW nuclear generating capacity.
3) Includes 1,860,000 kW nuclear generating capacity.
4) Includes 2,400,000 kW nuclear generating capacity.
5) Includes 3,200,000 kW nuclear generating capacity.
6) Includes 5,066,300 kW nuclear generating capacity.
7) Includes 4,800,000 kW nuclear generating capacity.

Source: SC, *Electric Power Statistics, Volume II*.

Table 19.17
Summary of Pipeline Movements of Crude Oil, Condensate and Pentanes Plus, Canada and Ontario, 1971-1978

	1971		1972		1973		1974	
	Canada ¹	Ontario	Canada ¹	Ontario	Canada ¹	Ontario	Canada	Ontario
	'000's barrels							
Receipts								
Receipts								
from field	466,923	-	528,529	-	619,391	-	585,608	-
from other								
carriers	6,908	250	8,059	189	8,197	164	10,155	156
from processing								
plants	64,166	754	86,784	2,726	90,864	4,630	83,580	8,030
ports	160,493	-	161,597	-	169,226	-	151,630	267
from other	-	-	-	-	-	-	12,088	349
Net receipts -								
Total	698,490	1,004	784,970	2,915	887,979	4,794	843,061	8,802
Transfers								
from other								
provinces	837,183	171,408	960,428	179,279	1,145,861	200,406	1,087,348	212,393
Cross receipts -								
Total	1,535,674	172,412	1,745,398	182,195	2,033,841	205,200	1,930,409	221,195
Disposition								
Deliveries								
refineries	418,953	134,770	429,296	136,789	462,968	153,277	484,476	173,333
other carriers	2,374	-	756	-	919	-	659	70
bulk plants and								
terminals	-	-	-	-	8	-	315	272
processing								
plants	1,136	1,130	1,691	1,676	2,739	2,725	5,349	5,342
for export	272,423	36,155	347,990	43,017	413,931	49,266	330,400	43,022
other	1,620	-	2,246	248	6,411	-	21,140	-
Net deliveries -								
Total	696,506	172,055	781,980	181,729	886,976	205,269	842,340	222,039
Transfers								
to other								
provinces	837,183	-	960,428	-	1,145,861	-	1,087,348	-
Cross deliveries -								
Total	1,533,689	172,055	1,742,408	181,729	2,032,838	205,269	1,929,688	222,039
Line fuel and								
losses and	139	-	212	-	221	-	164	-
accounted for	1,540	-	527	-	347	4	875	-
Inventory changes	306	356	2,250	466	435	-73	-318	-845
Disposition -								
Total	1,535,674	172,412	1,745,398	182,195	2,033,841	205,200	1,930,409	221,195

Table 19.17 (cont'd)

Summary of Pipeline Movements of Crude Oil, Condensate and Pentanes Plus, Canada and Ontario, 1971-1978

	1975		1976		1977 ¹		1978 ²	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
'000's barrels								
Receipts								
Net receipts								
From field	495,833	-	449,612	-	461,829	-	448,018	
From other carriers	9,057	136	7,478	118	8,875	107	9,966	
From processing plants	78,685	10,232	74,967	9,325	60,362	8,512	65,868	5,
Imports	161,059	770	144,110	3,714	107,569	21,131	97,432	32,
From other	6,404	640	1,503	1,286	1,343	-	2,757	
Net receipts - Total	751,038	11,778	677,670	14,444	639,978	29,750	624,041	38,
Transfers								
From other provinces	921,711	192,245	911,723	222,895	1,010,294	248,550	1,633,644	263,
Gross receipts - Total	2,423,787	204,023	1,589,393	237,339	1,650,272	278,300	2,257,685	301,
Disposition								
Net deliveries								
To refineries	475,261	162,070	492,679	163,879	508,545	182,931	517,586	196,
To other carriers	900	-	1,635	83	1,426	-	1,258	
To bulk plants and terminals	5,089	769	1,164	1,162	415	137	1,502	
To processing plants	6,996	6,801	4,662	4,662	4,379	4,379	5,374	5,
For export	256,930	36,021	170,175	17,932 ²	119,414	8,459 ³	98,416	1,1
To other	5,430	-	2,709	-	2,157	-	1,035	
Net deliveries - Total	750,606	205,661	673,024	187,719	636,336	195,906	625,171	203,
Transfers								
To other provinces	921,711	-	911,723	45,441	1,010,294	84,871	1,633,644	100,
Gross deliveries - Total	2,275,262	205,661	1,584,747	233,161	1,646,630	280,777	2,258,815	303,
Pipe line fuel and use	89	-	21	-	-	-	-	
Line losses and unaccounted for	498	-	709	-1	2,901	-573	584	
Inventory changes	-155	-817	3,916	4,179	741	-1,904	-1,714	-1
Disposition - Total	2,275,694	204,844	1,589,393	237,339	1,650,272	278,300	2,257,685	301,

1) Includes movements of Canadian oil held in bond in the United States and estimated inventory changes of interprovincial pipelines in Manitoba and United States.

2) Includes 2,108 barrels of United States oil re-exported to that country.

3) Includes 897 barrels of United States oil re-exported to that country.

Source: SC, *Oil Pipeline Transport*.

Table 19.18
Pipeline Movements of Liquefied Petroleum Gases and Petroleum Products, Canada and Ontario, 1971-1978

	1971		1972		1973		1974	
	Canada ¹	Ontario	Canada ¹	Ontario	Canada ¹	Ontario	Canada ¹	Ontario
'000's barrels								
Receipts								
Net receipts								
from processing plants	22,455	147	35,044	419	54,692	2,129	56,064	6,629
from refineries and bulk plants	88,111	58,531	103,470	63,573	107,997	70,127	124,580	80,266
Imports	-	-	-	-	-	-	992	992
from other carriers	6,016	-	6,974	-	7,859	-	5,064	-
from other	-	-	-	-	-	-	985	-
Net receipts - Total	116,582	58,678	145,489	63,992	170,548	72,256	187,684	87,887
Transfers								
from other provinces	55,462	25,180	79,754	33,303	92,068	36,176	97,444	33,162
Gross receipts - Total	172,044	83,858	225,248	97,295	262,616	108,432	285,128	121,048
Disposition								
Net deliveries								
to refineries	4,167	2,100	5,810	1,966	8,149	2,105	8,961	3,492
to other carriers	-	-	694	-	-	-	-	-
to bulk plants and terminals	95,141	78,178	121,744	94,245	133,855	103,517	140,935	109,409
for export	7,061	2,362	6,332	1,080	9,874	2,558	19,617	7,959 ²
to other	9,714	1,193	11,560	-	18,292	-	16,951	-
Net deliveries - Total	116,083	83,833	146,140	97,291	170,170	108,180	186,464	120,860
Transfers								
to other provinces	55,462	-	79,754	-	92,068	-	97,444	-
Gross deliveries - Total	171,545	83,833	225,894	97,291	262,238	108,180	283,908	120,860
Line fuel and losses	1	-	1	-	13	-	1	-
Accounted for	-1,130	-8	-289	1	-26	-12	261	-19
Inventory changes	1,628	32	-364	3	391	276	957	207
Disposition - Total	172,044	83,858	225,243	97,295	262,616	108,432	285,128	121,048

Table 19.18 (cont'd)

Pipeline Movements of Liquefied Petroleum Gases and Petroleum Products, Canada and Ontario, 1971-1978

	1975		1976		1977		1978 ^P	
	Canada ¹	Ontario	Canada ¹	Ontario	Canada	Ontario	Canada	Ontario
'000's barrels								
Receipts								
Net receipts								
From processing plants	59,805	8,936	61,987	9,445	75,377	20,481	64,487	20,2
From refineries and bulk plants	129,988	77,600	156,660	84,974	153,131	79,161	164,419	75,3
Imports	2,865	2,865	3,760	3,760	4,843	4,843	7,163	7,1
From other carriers	10,526	-	10,211	-	6,546	-	4,695	
From other	1,007	-	785	-	8,076	-	10,862	9
Net receipts - Total	204,191	89,402	233,403	98,179	247,973	104,485	251,626	103,7
Transfers								
From other provinces	118,645	37,732	156,441	45,324	164,510 ^r	49,399 ^r	195,633	41,0
Gross receipts - Total	322,836	127,134	389,844	143,503	412,483 ^r	153,884 ^r	447,259	144,8
Disposition								
Net deliveries								
To refineries	14,193	4,574	30,463	7,075	33,573	5,157 ^r	30,284	4,0
To other carriers	-	-	-	-	3,029	-	2,695	
To bulk plants and terminals	148,185	113,113	158,516	122,635	164,104	129,779	158,123	120,7
For export	18,581	9,098 ³	26,477	13,355 ⁴	27,777	17,598 ^r	30,202	19,37
To other	21,707	-	16,791	165	20,504	804	28,386	1
Net deliveries - Total	202,666	126,785	232,247	143,230	248,987	153,338	249,690	144,3
Transfers								
To other provinces	118,645	-	156,441	-	164,510 ^r	545	195,633	
Gross deliveries - Total	321,311	126,785	388,688	143,230	413,497 ^r	153,883	445,323	144,4
Pipe line fuel and use	1	-	29	-	77	-	66	
Line losses and unaccounted for	106	-42	393	39	-230	302	21	
Inventory changes	1,418	391	734	234	-861	-301	1,849	4
Disposition - Total	322,836	127,134	389,844	143,503	412,483 ^r	153,884	447,259	144,8

1) Includes movements and inventory changes in Manitoba and the United States.

2) Includes 1,218,478 barrels of U.S. liquefied petroleum gas re-exported to the United States.

3) Includes 2,587,934 barrels of U.S. liquefied petroleum gas re-exported to the United States.

4) Includes 4,220,914 barrels of U.S. liquefied petroleum gas re-exported to the United States.

6) Includes 7,245,000 barrels of U.S. liquefied petroleum gas re-exported to the United States.

Source: SC, *Oil Pipeline Transport*.

Table 19.19
Receipts and Disposition of Natural Gas Utilities, Canada and Ontario, 1973–1978

	1973		1974		1975	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
	Million cubic feet					
Receipts						
by transport systems						
Fields	135,317	-	137,225	-	108,370	-
Processing Plants	1,963,803	-	1,907,385	-	1,983,795	-
by distribution systems						
Fields	214,779	9,441	235,378	7,404	236,262	10,887
Processing plants	129,536	-	139,171	-	117,629	-
Imports	14,823	14,736	13,408	13,376	10,220	10,153
Other receipts ¹	29,183	26	20,266	7	16,364	6
Total net receipts	2,487,441	24,203	2,452,833	20,787	2,472,640	21,046
Received from storage	74,504	63,610	101,076	91,555	112,073	99,325
Total supply of gas utilities	2,561,945	87,813	2,553,909	112,342	2,584,713	120,371
Transfers from other provinces	...	718,192	...	768,176	...	773,705
Total gross receipts	2,561,945	806,005	2,553,909	880,518	2,584,713	894,076
Disposition						
Sales						
Residential	271,799	111,834	292,961	125,230	299,219	121,232
Commercial	245,653	116,994	275,431	137,586	285,889	141,547
Industrial	711,987	350,317	745,929	389,384	739,597	374,764
Total sales	1,229,439	579,145	1,314,321	651,200	1,324,705	637,543
Imports	1,027,312	13,197	959,187	13,148	946,848	12,311
Other deliveries	37,652	9	27,738	35	21,357	9
Total net deliveries	2,294,401	592,351	2,301,246	664,383	2,292,910	649,863
Delivered to storage	131,669	106,412	135,674	98,807	166,828	124,890
The pack fluctuation	1,252	198	2,299	65	2,224	-49
Gas used in system	120,569	26,640	100,409	23,167	88,614	18,750
The losses and unaccounted for	14,054	12,498	14,281	10,886	34,137	14,362
Total demand on gas utilities	2,561,945	738,099	2,553,909	797,308	2,584,713	807,816
Transfers to other provinces	...	67,906	...	83,210	...	88,260
Total disposition	2,561,945	806,005	2,553,909	880,518	2,584,713	896,076

Table 19.19 (cont'd)

Receipts and Disposition of Natural Gas Utilities, Canada and Ontario, 1973-1978

	1976		1977		1978	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
Million cubic feet						
Receipts						
By transport systems						
Fields	108,922	-	93,222	-	85,606	-
Processing plants	2,012,261	-	2,109,170	-	2,013,102	-
By distribution systems						
Fields	224,908	5,370	254,639	8,409	246,576	10,986
Processing plants	112,269	-	133,630	-	129,078	-
Imports	4,051	4,006	29	-	65	-
Other receipts ¹	15,613	220	16,598	1,028	19,819	5,812
Total net receipts	2,478,024	9,596	2,607,288	9,437	2,494,246	16,798
Received from storage	132,800	117,932	142,825	122,639	141,049	122,477
Total supply of gas utilities	2,610,824	127,528	2,750,113	132,076	2,635,295	139,275
Transfers from other provinces	...	793,770	...	813,596	...	789,631
Total gross receipts	2,610,824	921,298	2,750,113	945,672	2,635,295	928,906
Disposition						
Sales						
Residential	312,846	135,933	313,879	131,726	329,001	138,179
Commercial	294,885	153,465	297,400	150,973	318,593	161,246
Industrial	763,179	387,617	820,071	381,770	826,053	359,766
Total sales	1,370,910	677,015	1,431,350	664,469	1,473,647	659,191
Exports	953,570	12,876	999,732	14,813	881,118	12,600
Other deliveries	33,196	237	50,522	1,277	47,509	241
Total net deliveries	2,357,676	690,128	2,481,604	680,559	2,402,274	672,041
Delivered to storage	151,554	106,064	176,303	149,044	160,612	130,241
Line pack fluctuation	4,060	35	2,715	34	1,728	6
Gas used in system	82,952	18,866	94,357	21,434	75,865	17,721
Line losses and unaccounted for	14,582	19,191	-4,866	4,270	-5,184	8,341
Total demand on gas utilities	2,610,824	834,284	2,750,113	855,341	2,635,295	828,421
Transfers to other provinces	...	87,014	...	90,331	...	100,481
Total disposition	2,610,824	921,298	2,750,113	945,672	2,635,295	928,906

1) Includes peak shaving and enrichment.

2) Does not include 38,340 thousand cubic feet of liquid natural gas imported by motor carrier.

Source: SC, Gas Utilities.

Table 19.20
Share Index of Consumption of Energy¹ per Person per Sector² of the Economy by Province, 1976³

	Ontario	Quebec	At- lantic Prov- inces	Man- itoba	Sask.	Alta.	B.C., Yukon, & N.W.T.	Canada Consum- ption per person
	Share Index							BTU x 10 ⁶
Energy Supply								
Industries	0.52	0.69	0.72	0.74	1.49	4.26	1.11	27.7
Transportation:								
a) Road	0.99	0.88	0.88	0.99	1.50	1.38	0.96	56.2
b) Rail	0.78	0.50	0.81	3.06	1.00	3.08	0.81	3.6
c) Air	0.80	0.90	1.08	1.32	0.67	1.52	1.37	6.0
d) Marine (excl. Navy)	0.68	1.30	2.53	--	--	--	1.55	4.0
Domestic and Farm	0.99	0.96	1.00	0.97	1.43	1.23	0.82	51.1
Commercial	1.05	0.94	0.66	0.99	0.54	1.72	0.95	34.7
Industrial	1.20	0.83	0.72	0.61	0.87	1.19	1.06	76.6
Non Energy Use	1.35	1.05	--	--	.05	0.60	1.75	2.0
Losses and Adjustments	0.86	0.35	1.38	1.59	4.22	0.92	1.32	3.7
Total — All sectors	1.00	0.86	0.84	0.87	1.16	1.63	1.00	265.6

¹ Energy commodities included where applicable: coal, coke, coke oven gas, liquefied petroleum gases, crude oil, still gas, motor gasoline, kerosene, Diesel fuel oil, light fuel oil, heavy fuel oil, petroleum coke, aviation gasoline, aviation turbo fuel, natural gas and electricity.

² Since data are submitted to Statistics Canada by the energy supply industries on a non-coordinated basis the sector allocations are estimates only.

³ (Share index conversion to BTU x 10⁶: e.g. Ontario Share Index 0.52 = (27.7 x 0.52) BTU x 10⁶ = 14.5 BTU x 10⁶) Includes consumption in all sectors of the economy. The breakdown into various energy types is done as close to the final step in consumption as they can be traced; electricity derived from all sources is shown as simple heat equivalent of electricity generated. The relative share is based on the average for Canada: thus if 20% of all Canadians were located in a certain province in which 30% of all Diesel oil were consumed, the corresponding index would be 1.5: thus a number greater than 1 indicates relatively heavy use of energy.

Source: Central Statistical Services, based on SC Catalogue 11-509E, Occasional (March 1978), *Human Activity and the Environment; 91-201, Annual (October 1978). Estimated Population of Canada by Province at June 1, 1978; 57-207, Annual (August 1978), Detailed energy supply and demand in Canada 1976.*

Table 19.21

Program Funding Allocations by the Federal¹ and Ontario Governments for Renewable Energy and for Energy Conservation.

	Solar	Wind	Biomass	Other	Conservation
	\$ Million				
Canada (Federal Government)	157.6 ²	--	333.0 ³	114.0 ⁴	11.2 ⁵
Ontario ⁶ (Provincial Government)	0.8	--	10.7	0.2	4.6
Ontario Hydro ⁷	-	--	-	3.4	1.4

1) Federal interdepartmental Energy R & D. Expenditures designated for 1977-78 are \$128.3 million, 70 per cent of which is Nuclear and 15 per cent in the renewable energy and energy conservation fields.

2) The PUSH, 1979-1984; LEBDA and PASEM programs.

3) The Biomass Energy Loan guarantees; the Expanded Research Development and Demonstration, 1978-1984; and FIRE, 1978-1985, programs.

4) The Funding for Research Development and Demonstration, 1978-1985, program.

5) 10 programs by Lead Federal Agencies, 1977-1978.

6) 5 sub-activities and the "Watts from Waste project". These programs represent a total budget of \$16.3 million.

7) For Ontario Hydro, see definitions.

Source: Central Statistical Services, based on releases from: Energy, Mines and Resources Canada, *Report EP 77-7, New Programs to Harness Energy from Forests, Farms, Government to Support Strong Canadian Solar Effort*.
Ontario Ministry of Energy, *Financial Sub-activity Package*.
Ontario Hydro's Energy Conservation Division and Enquiry and Research Services.

Manufacturing

Highlights

- **Principal Manufacturing Statistics** – The number of manufacturing establishments in Ontario has remained fairly constant since 1950. In 1976, 11,880 establishments were recorded, representing a 7.3 per cent decrease since 1950. The total number of employees, on the other hand, rose from 566,500 in 1950 to 853,156 in 1976, an increase of 50.6 per cent. The value of shipments of goods of own manufacture rose by 12.2 per cent over the corresponding 1975 total to reach \$49.9 billion.

Metal Fabricating Industries with 2,098 establishments, and Printing, Publishing and Allied Industries with 1,486 had the most establishments of any Ontario industry group in 1976, representing 17.7 per cent and 12.5 per cent respectively, of the total number of establishments. The Transportation Equipment and Metal Fabricating industry groups employed the highest number of the total workforce of 853,156; Transportation Equipment employed 12.6 per cent and Metal Fabricating, 10.3 per cent of the total.

In 1975, of the 12,245 manufacturing establishments, incorporated companies controlled 81.5 per cent, individual owners controlled 13.2 per cent, and partnerships and co-operatives controlled 5.4 per cent.

Of the leading manufacturing industries in Ontario in 1976, Motor Vehicle Manufacturers, with only 12 establishments, led in cost of materials and supplies used and value of shipments of goods of own manufacture. Cost of materials and supplies used amounted to \$5.2 billion or 18.2 per cent of the Ontario total, and value of shipments of goods of own manufacture, \$6.5 billion or 13.1 per cent of the Ontario total.

Selected Production Statistics – In 1960, the total number of motor vehicles produced amounted to 397,739; by 1967 this figure had reached 919,508, an increase of 131.2 per cent; by 1978 it had reached 1.8 million, an increase of 97.8 per cent over 1967, and an increase of 2.5 per cent from 1977. Of the 1978 total production, passenger cars accounted for 62.9 per cent and motor trucks and buses, 37.1 per cent.

Ontario continues to produce a substantially greater amount of steel ingots and steel castings for all industries than any other region of Canada. In 1976 Ontario's share of total Canadian production was 85.8 per cent, this level of production being approximately maintained since 1972. The production of steel ingots and steel castings in Ontario rose by 25.3 per cent between 1971 and 1976 to reach 12.5 million net tons in 1976.

In 1976, secondary industries accounted for 87.2 per cent and primary industries for 12.8 per cent of the total value added in goods-producing industries in Ontario. Manufacturing accounted for 70.3 per cent, followed by construction with 16.9 per cent, mining with 4.6 per cent, agriculture with 4.4 per cent and electric power with 3.1 per cent of the total value added in goods-producing industries.

In 1976, Ontario's value added in goods-producing industries represented 38.3 per cent of Canada's total. Ontario's secondary industries accounted for 45.8 per cent, and primary industries for 18.1 per cent of the national total.

Definitions

Establishment – Smallest operating unit capable of reporting certain specified input and output data; usually a plant or mill.

Cost of Materials and Supplies, Fuel and Electricity – Generally, consumption of purchased items only, at laid-down cost. Includes intercompany and intracompany transfers, contract work by others and fuel used by vehicles.

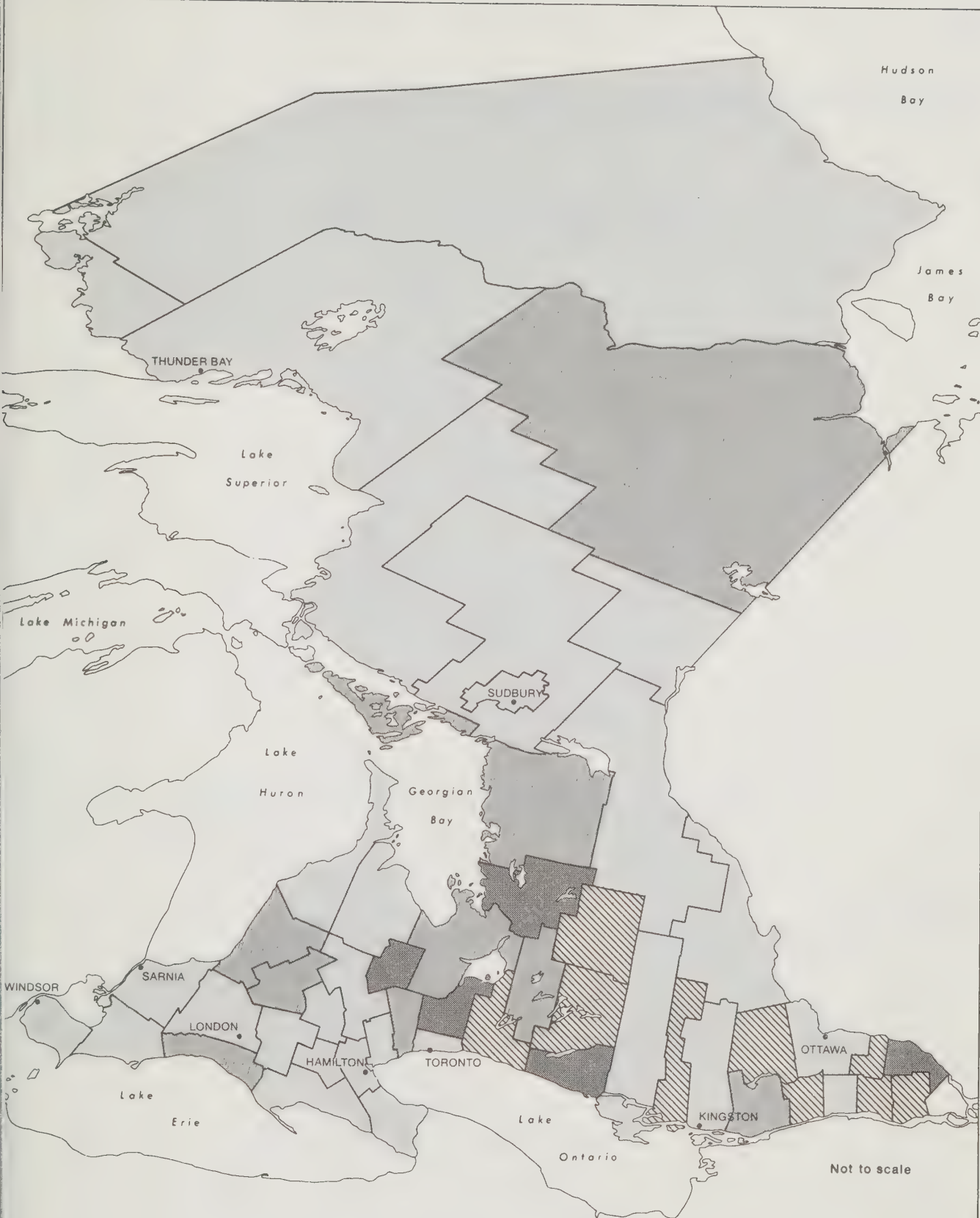
Value of Shipments of Goods of Own Manufacture – Goods made by reporting establishment, or for its account, from its own materials, net of discounts, returns, allowances, sales tax, excise taxes and duties, returnable containers, common or contract carriers' charges for outward transportation (but not of own carriers' delivery expense). Includes repair and custom revenue, transfers to reporting units of same firm, all exports, book value of own products shipped on rental basis. Unsold domestic consignment shipments are included in inventory. In Fabricated Structural Metal Industry, Aircraft and Aircraft Parts Manufacturers, Railroad Rolling

Stock Industry and Shipbuilding and Repair, value of production is shown in place of shipments in tables on principal statistics. Integrated smelters' work on own ore valued at imputed charge to mine.

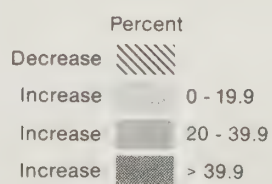
Value Added – Net output as measured by gross output less purchased commodity inputs used.

- (a) Value added, manufacturing activity: Value of shipments of goods of own manufacture adjusted for changes in value of inventory of goods in process and finished goods, less cost of materials and supplies used and fuel and electricity.
- (b) Value added, total activity: Consists of (1) value added, manufacturing activity and (2) value added, non-manufacturing activity. The latter is calculated by subtracting relevant commodity inputs from non-manufacturing revenues or output; these commodity inputs are net of the change in inventories of goods purchased for resale. Non-manufacturing revenues include depreciable fixed assets produced by own work force for own use, revenue from product rentals, etc., but exclude non-operating revenue such as real property rentals and dividends and interest.

Employees, Salaries and Wages – Salaries and wages are reported before deductions for income tax and employee benefits and comprise all man-hours paid (for regular work, overtime and paid leave) as well as bonuses, commissions, etc., paid to regular employees. Where shown, production and related workers classified to non-manufacturing activity include separately reported loggers, employees on construction for own use; beginning with the 1970 Census outside pieceworkers formerly included for certain industries are excluded from all employment totals and their remuneration treated as contract work done by others. Sales and distribution employees include all personnel charged to selling expense, certain drivers, etc.

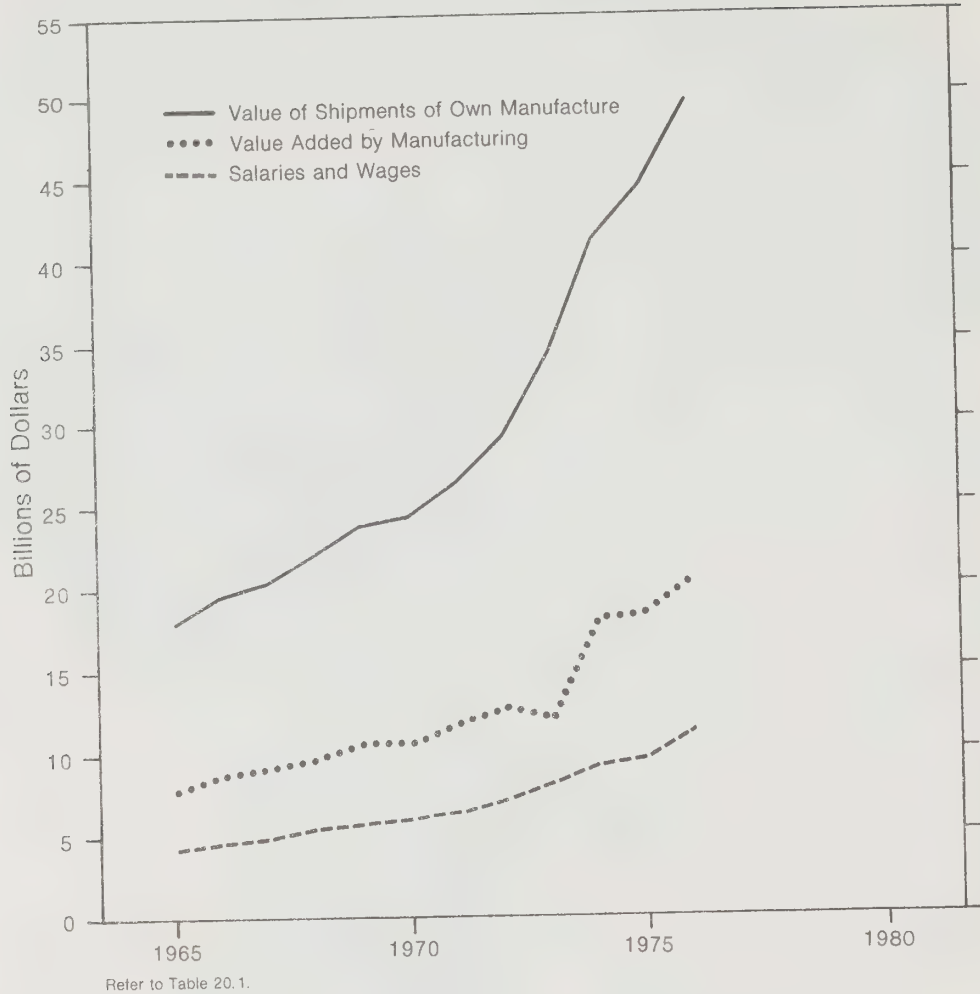


Map 20.A Change in Manufacturing Employment¹, 1969-1974

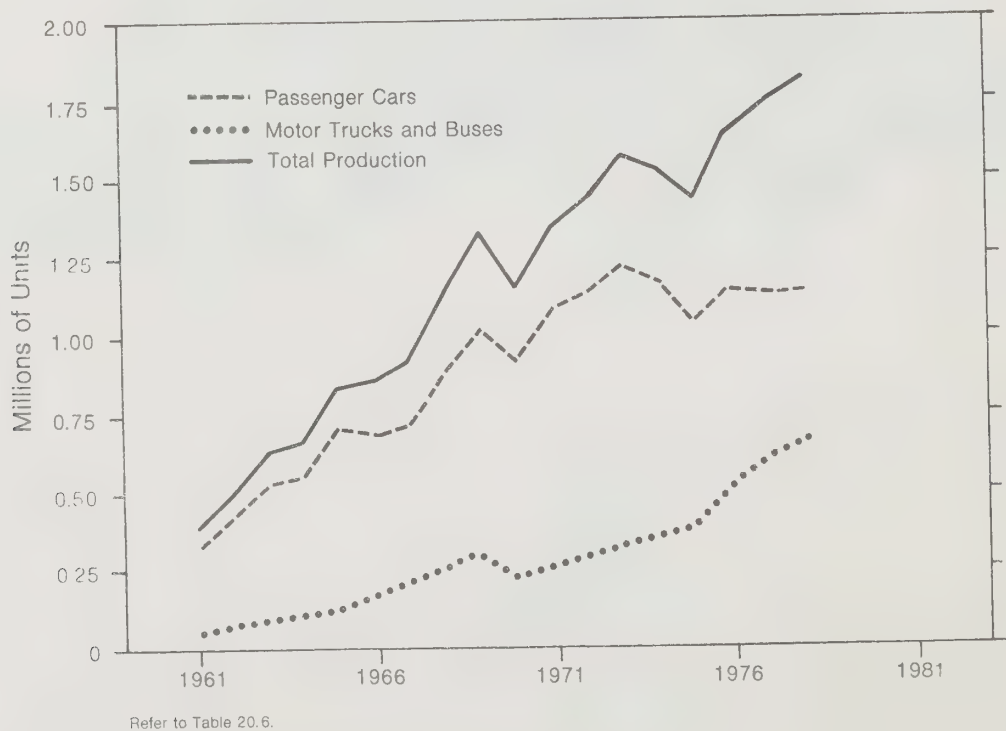


¹Number of production and related workers by county

Graph 20.B
Principal Statistics of Manufacturing, Ontario, 1965-1976

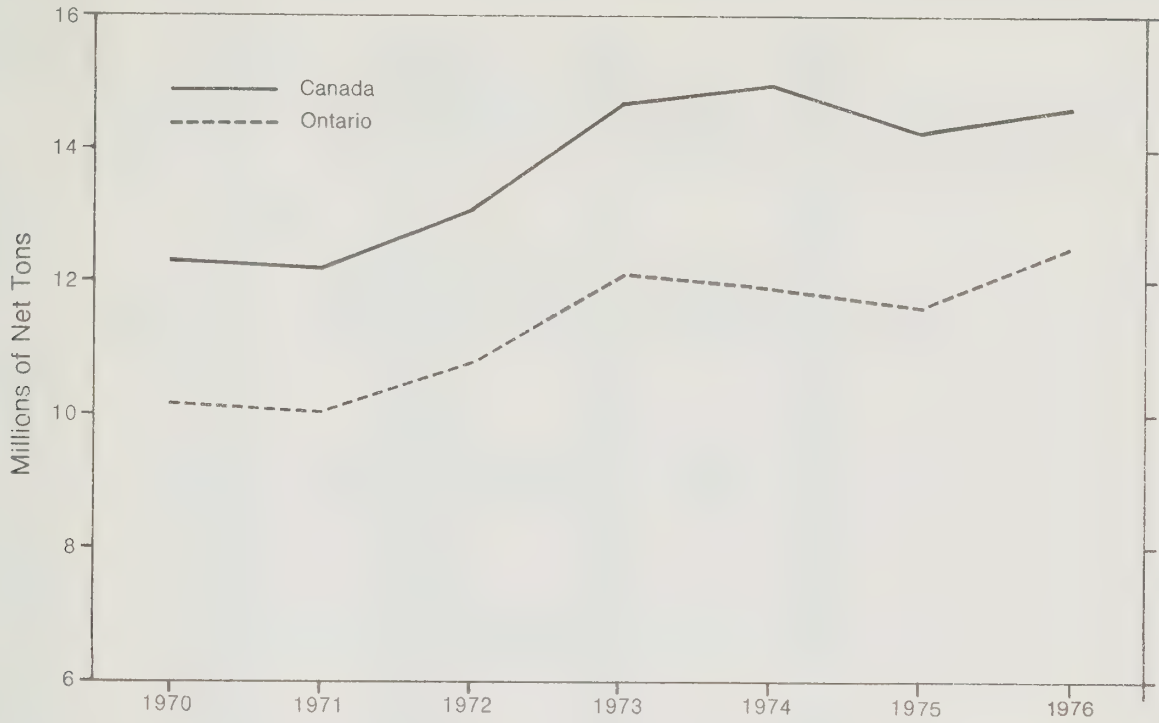


Graph 20.C
Motor Vehicle Production, Canada, 1961-1978



Graph 20.D

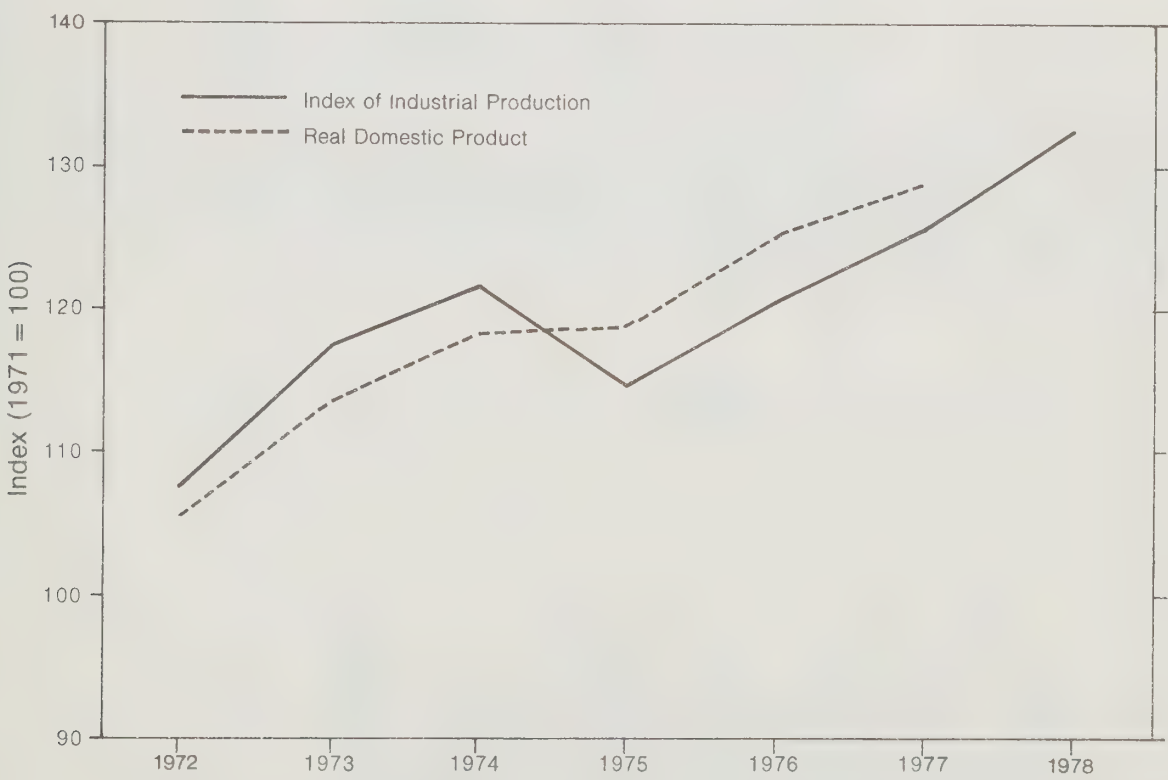
Annual Production of Steel Ingots and Steel Castings for All Industries, Canada and Ontario, 1970-1976



Refer to Table 20.7.

Graph 20.E

Comparison of Real Domestic Product with the Index of Industrial Production, Canada, 1972-1978



Refer to Tables 20.8 and 20.11.

Table 20.1Principal Statistics of Manufacturing, Ontario, 1950–1976¹

	Estab- lish- ments	Total Employees ²	Salaries and Wages ²	Value Added by Manufacture	Value of Shipments of Goods of Own Manufacture ³
		'000's		\$ Million	
1950	12,809	566.5	1,413.0	3,068.1	6,823.0
1951	13,025	599.4	1,669.4	3,569.4	8,074.7
1952	13,172	609.7	1,844.2	3,811.1	8,372.2
1953	13,114	634.6	2,018.0	4,130.1	8,876.5
1954	13,178	598.9	1,954.8	3,930.7	8,533.2
1955	13,276	613.9	2,088.9	4,426.7	9,617.6
1956	13,215	641.2	2,310.6	4,868.6	10,655.1
1957	12,162	636.2	2,410.3	..	10,811.1
1958	11,858	599.0	2,391.4	4,740.8	10,579.5
1959	11,727	609.1	2,544.7	5,229.8	11,438.4
1960	12,090	594.3	2,557.4	5,215.2	11,479.3
1961	12,419	638.7	2,859.6	5,244.8	11,563.7
1962	12,585	662.5	3,078.5	5,815.1	12,919.5
1963	12,489	690.5	3,335.6	6,369.5	14,262.2
1964	12,781	728.9	3,666.8	7,067.0	15,843.2
1965	12,766	774.4	4,100.2	7,881.8	17,675.9
1966	12,986	820.4	4,571.7	8,648.2	19,452.6
1967	13,076	818.2	4,822.2	9,032.1	20,259.7
1968	12,932	810.8	5,171.2	9,714.9	21,942.6
1969	12,971	825.5	5,660.9	10,637.0	23,847.8
1970	12,736	806.6	5,942.5	10,524.7	24,009.6
1971	12,740	800.0	6,326.5	11,596.5	26,270.6
1972	12,589	821.6	6,989.6	12,819.9 ^r	29,181.1 ^r
1973	12,397	861.8	7,948.0	12,030.3 ^r	34,300.7 ^r
1974	12,662	883.7	9,074.1	18,128.8	41,404.4
1975 ^r	12,245	850.3	9,673.1	18,357.8	44,422.8
1976	11,880	853.2	10,991.3	20,410.7	49,851.3

1) From 1957 onward data are based on Revised Standard Industrial Classification and New Establishment Concept and are not strictly comparable with earlier statistics. From 1961 onward data embody revisions or classification changes; for description of these changes see the 1962 and 1964 issue of Statistics Canada catalogue "Manufacturing Industries of Canada: Section A, Summary for Canada".

2) Beginning with the 1961 data, some statistics are compiled for "Manufacturing activity" and others for "Total activity". "Total activity" includes non-manufacturing activities of manufacturing establishments and activities of separate head offices, sales offices and auxiliary units. "Total employees" and "Salaries and wages" in the 1961 and subsequent years' data are thus not comparable with earlier statistics under the same headings.

3) Prior to 1952, the basis of collection was gross value of products.

Source: SC, *Manufacturing Industries of Canada: National and Provincial Areas*.

Manufacturing Activity

1976'	Estab-lish-ments	Production and Related Workers				Manhours Paid	Cost of Fuel & Elec-tricity ¹	Cost of Materials and Sup-plies Used ¹	Value of Shipments of Goods of Own Manufac-ture	Value Added
		Male	Female	Wages	\$ Million					
		Number				Million			\$ Million	
Food and Beverage	1,473	37,813	16,000	613.6		113.5	90.4	4,404.2	6,872.7	2,393.1
Tobacco Products	9	1,477	818	28.3		4.4	2.2	335.5	489.6	177.7
Rubber	407	18,177	8,050	273.3		54.5	28.9	738.8	1,479.7	711.9
Leather	153	4,480	6,733	88.8		23.1	3.6	193.9	367.1	177.8
Textile Mills	367	12,410	11,677	234.1		50.0	27.6	662.2	1,228.3	559.5
Knitting Mills	79	1,730	4,402	44.3		12.8	2.6	83.1	168.5	85.5
Clothing	414	4,384	16,051	148.1		41.1	2.1	269.2	555.4	298.3
Wood	683	14,335	2,202	161.8		34.4	17.6	386.9	734.3	336.4
Furniture and Fixture	711	14,234	4,902	180.8		40.8	6.9	367.5	743.0	381.0
Paper and Allied	301	29,363	5,142	434.4		73.5	145.4	1,291.5	2,459.7	1,051.0
Printing, Publishing and Allied	1,486	19,111	6,769	310.7		51.2	10.2	547.9	1,585.8	1,032.7
Primary Metal	203	54,883	1,569	808.6		116.5	213.2	2,462.9	4,508.3	1,917.2
Metal Fabricating	2,098	59,788	9,047	823.4		144.7	48.4	2,090.8	4,111.0	2,014.0
Machinery	607	34,283	2,842	460.1		77.7	21.2	1,424.3	2,572.5	1,150.7
Transportation Equipment	391	75,479	7,770	1,195.9		176.6	75.6	7,369.0	10,515.8	3,129.6
Electrical Products	497	34,476	20,330	586.5		113.1	27.6	1,579.3	3,173.3	1,600.6
Non-Metallic Mineral Products	487	18,650	1,960	267.7		43.7	106.2	525.5	1,354.9	736.6
Petroleum and Coal Products	30	2,174	1	42.5		4.9	21.7	1,685.7	2,078.1	375.5
Chemical and Chemical Products	524	19,149	5,057	305.2		50.9	202.9	1,705.2	3,397.5	1,516.3
Miscellaneous Manufacturing	960	16,628	13,133	262.0		59.9	12.3	695.1	1,455.3	765.0
Total	11,880	473,024	144,455	7,270.2		1,287.3	1,066.6	28,818.5	49,851.3	20,410.7

Table 20.2 (cont'd)
Principal Manufacturing Statistics by Industry Group, Ontario, 1976 and 1977

1976'	Total Activity									
	Employees					Total Employees				
	Administrative, Office and Other Non-manufacturing Employees					Cost of Materials, Supplies and Goods for Resale				
	Male		Female		Salaries \$ Million	Number	Salaries and Wages	Value of Shipments and Other Revenue		Value Added
										\$ Million
Food and Beverage	21,273	8,038	426.5	83,124	1,040.1	83,124	1,040.1	5,149.4	7,782.2	2,557.5
Tobacco Products	740	236	16.0	3,271	44.3	3,271	44.3	341.6	498.9	180.9
Rubber	6,329	2,485	126.1	35,041	399.4	35,041	399.4	957.3	1,748.8	762.5
Leather	1,190	693	25.1	13,096	113.9	13,096	113.9	225.0	405.9	185.5
Textile Mills	3,893	1,917	83.3	29,897	317.5	29,897	317.5	740.0	1,317.9	571.2
Knitting Mills	470	385	12.9	6,987	57.2	6,987	57.2	90.2	176.5	86.5
Clothing	1,482	1,280	41.2	23,197	189.3	23,197	189.3	319.9	629.6	321.9
Wood	2,546	789	50.5	19,872	212.3	19,872	212.3	416.9	771.3	343.4
Furniture and Fixture	2,505	1,532	57.1	23,173	237.8	23,173	237.8	402.0	785.9	389.3
Paper and Allied	8,114	3,026	178.1	45,645	612.5	45,645	612.5	1,405.3	2,604.9	1,082.4
Printing, Publishing and Allied	12,047	9,153	283.6	47,080	594.2	47,080	594.2	610.9	1,674.8	1,058.8
Primary Metal	11,920	2,695	280.4	71,067	1,089.0	71,067	1,089.0	2,525.9	4,597.0	1,942.5
Metal Fabricating	14,011	5,244	304.0	88,090	1,127.4	88,090	1,127.4	2,352.6	4,448.0	2,089.2
Machinery	12,820	4,493	254.1	54,438	714.2	54,438	714.2	1,817.3	3,169.2	1,354.3
Transportation Equipment	19,233	4,752	445.4	107,234	1,641.3	107,234	1,641.3	11,918.7	15,670.9	3,735.0
Electrical Products	19,153	6,743	392.4	80,702	978.9	80,702	978.9	2,342.7	4,157.2	1,821.1
Non-Metallic Mineral Products	5,173	1,694	110.5	27,477	378.3	27,477	378.3	654.5	1,511.0	763.7
Petroleum and Coal Products	4,778	2,395	147.2	9,348	189.8	9,348	189.8	1,737.5	2,124.2	369.8
Chemical and Chemical Products	13,767	5,305	313.1	43,278	618.3	43,278	618.3	2,115.5	3,928.2	1,636.7
Miscellaneous Manufacturing	7,197	4,181	173.7	41,139	435.7	41,139	435.7	904.0	1,790.8	891.6
Total	168,641	67,036	3,721.1	853,156	10,991.3	853,156	10,991.3	37,027.2	59,793.1	22,143.9

Manufacturing Activity

1977	Estab-lish-ments	Production and related workers						Cost of Fuel & Elec-tricity ¹	Cost of Materials and Sup-plies Used ¹	Value of Shipments of Goods of Own Manufac-ture	Value Added
		Male	Female	Wages	Manhours Paid	Number	\$ Million				
	1,368	38,355	15,816	671.8	112.3	107.2	4,780.3	7,473.5	2,627.3		
Food and Beverage	9	1,407	771	29.8	4.0	2.6	308.7	521.4	205.3		
Tobacco Products	400	18,460	8,033	297.4	54.8	35.0	836.4	1,646.4	812.6		
Rubber	150	3,991	5,971	85.9	20.9	4.2	194.8	370.0	178.5		
Leather	345	12,157	11,805	257.6	49.4	33.6	729.4	1,390.5	633.0		
Textile Mills	74	1,569	4,235	46.2	11.9	2.6	90.8	182.6	89.4		
Knitting Mills	383	4,189	15,842	158.1	40.1	2.5	292.8	614.3	321.7		
Clothing	645	14,682	2,055	185.8	35.1	22.7	447.3	870.0	404.7		
Wood	682	13,378	4,383	176.5	37.5	7.9	353.3	742.8	382.2		
Furniture and Fixture	287	28,511	4,722	492.1	68.9	197.2	1,440.0	2,826.6	1,193.0		
Paper and Allied											
Printing, Publishing and Allied	1,468	18,602	6,831	335.5	50.5	12.3	601.9	1,747.9	1,146.9		
Primary Metal	203	55,836	1,691	893.3	117.7	265.5	2,589.8	4,937.2	2,166.8		
Metal Fabricating	2,026	56,909	8,887	853.4	138.8	56.4	2,281.0	4,438.6	2,108.0		
Machinery	606	34,024	2,532	493.3	75.6	25.8	1,558.3	2,827.0	1,266.8		
Transportation											
Equipment	373	80,577	8,071	1,423.9	194.0	94.8	8,762.6	12,429.6	3,735.6		
Electrical Products	476	29,862	18,578	565.4	99.5	31.4	1,546.8	3,245.2	1,678.4		
Non-Metallic Mineral											
Products	450	17,362	1,734	269.9	40.4	119.9	533.7	1,377.6	735.3		
Petroleum and Coal											
Products	36	2,374	5	48.0	4.9	33.8	2,165.0	2,604.6	455.1		
Chemical and Chemical											
Products	520	20,188	5,167	357.3	52.9	241.0	2,014.9	3,832.2	1,623.8		
Miscellaneous											
Manufacturing	913	14,741	11,493	257.8	53.1	14.3	728.5	1,516.1	793.6		
Total	11,414	467,174	138,622	7,899.0	1,262.2	1,310.7	32,256.2	55,594.3	22,558.1		

Table 20.2 (cont'd)
Principal Manufacturing Statistics by Industry Group, Ontario, 1976 and 1977

	Employees				Total Activity			
	Administrative, Office and Other Non-manufacturing Employees				Total Employees			
	Male		Female		Salaries		Salaries and Wages	
	Number		Number		\$ Million		Number	\$ Million
1977								
Food and Beverage	21,447	8,573			469.4		84,191	1,141.2
Tobacco Products	697	228			16.7		3,103	46.6
Rubber	6,533	2,497			141.6		35,523	439.0
Leather	1,199	745			27.9		11,906	113.7
Textile Mills	3,645	1,859			86.6		29,466	344.2
Knitting Mills	467	415			14.1		6,686	60.2
Clothing	1,418	1,261			43.3		22,710	201.4
Wood	2,557	816			56.8		20,110	242.6
Furniture and Fixture	2,255	1,386			56.6		21,402	233.1
Paper and Allied	7,461	2,794			189.0		43,488	681.1
Printing, Publishing and Allied	12,116	9,756			313.7		47,305	649.2
Primary Metal	11,662	2,747			300.3		71,936	1,193.6
Metal Fabricating	14,177	5,389			336.5		85,362	1,189.8
Machinery	13,037	4,492			281.4		54,085	774.8
Transportation Equipment	19,494	4,950			484.8		113,092	1,908.7
Electrical Products	18,952	6,587			422.6		73,979	988.0
Non-Metallic Mineral Products	4,837	1,598			112.2		25,531	382.0
Petroleum and Coal Products	4,939	2,427			169.8		9,745	217.8
Chemical and Chemical Products	14,828	5,535			367.3		45,718	724.6
Miscellaneous Manufacturing	7,523	4,233			191.5		37,990	449.3
Total	169,244	68,288			4,082.0		843,328	11,981.0
								42,292.6
								67,346.3
								24,273.7

1) For small establishments, the cost of fuel and electricity is included in the cost of materials and supplies.

Source: SC, *Manufacturing Industries of Canada: National and Provincial Areas*.

Table 20.3
Principal Manufacturing Statistics, by County, Ontario, 1974 and 1975

Manufacturing Activity									
1974	Estab- lish- ments	Production and Related Workers			Man- hours Paid	Cost of Fuel and Electri- city	Cost of Materials and Supplies Used	Value of Shipments of Own Manu- facture	Value Added
		Male	Female	Wages					
		Number		\$ Million	Million		\$ Million		
Ontario	12,661	482,303	150,542	5,914.1	1,325.5	692.7	23,577.7	41,404.2	18,128.8
Algoma	70	8,851	231	113.4	20.8	28.5	236.6	544.4	293.5
Brant	219	10,175	3,018	121.2	27.4	7.4	383.3	679.2	306.2
Bruce	71	1,464	460	16.7	4.1	26.0	58.2	116.3	48.1
Cochrane	61	4,655	122	52.1	10.1	15.1	115.3	293.8	165.7
Dufferin	37	543	316	6.4	1.7	0.4	30.6	48.5	19.9
Dundas	26	907	251	8.2	2.5	1.3	62.1	102.1	42.9
Elgin	97	6,266	1,368	73.3	15.5	3.8	726.2	877.8	167.8
Essex	442	26,388	3,434	343.3	64.5	22.9	1,468.1	2,513.2	1,095.9
Frontenac	83	4,248	537	45.1	9.9	5.8	219.9	369.2	157.6
Glengarry	23	594	223	5.2	1.7	0.7	28.4	44.4	16.2
Grenville	32	1,624	692	21.3	4.9	9.6	132.5	225.9	88.1
Grey	125	3,460	1,704	37.6	10.7	2.9	108.2	201.2	98.9
Haliburton	14	225	19	1.9	0.6	0.4	2.0	6.5	4.6
Hastings	152	4,994	2,802	60.1	16.4	5.6	195.9	386.1	205.6
Huron	93	2,234	526	20.8	5.6	1.3	91.0	149.0	60.1
Kenora ¹	58	2,775	116	32.9	6.2	14.2	81.9	219.0	124.0
Kent	176	8,116	1,932	95.3	21.4	7.3	389.9	644.2	252.8
Lambton	125	7,144	546	96.9	16.8	53.8	1,084.1	1,578.7	491.9
Lanark	70	1,644	1,109	18.9	5.7	1.4	55.3	108.6	54.4
Leeds	60	2,703	1,324	32.8	8.2	2.5	203.8	317.8	120.1
Lennox-									
Addington	20	1,310	450	16.4	3.7	5.5	45.5	94.8	44.1
Manitoulin	9	16	3	0.1	-	-	0.5	0.8	0.2
Middlesex	381	13,060	5,821	170.1	38.9	9.5	555.6	1,057.7	515.9
D.M. of Muskoka	53	1,058	173	10.1	2.5	1.7	56.9	83.9	30.4
Nipissing	73	2,150	273	20.7	5.1	3.8	57.0	117.4	60.4
Northumberland	104	3,149	1,075	36.3	8.7	3.4	149.2	306.1	158.2
Oxford	169	6,277	2,316	69.2	17.7	11.7	286.3	481.5	196.2
Parry Sound	40	663	96	5.5	1.6	0.9	18.2	36.2	18.1
Perth	126	4,826	2,884	55.4	15.6	6.6	203.0	357.0	157.1
Peterborough	107	5,778	1,179	66.1	14.6	3.4	169.9	348.2	181.1
Prescott	44	1,617	606	18.4	4.7	4.0	78.5	137.2	58.4
Prince Edward	32	471	206	5.1	1.4	3.8	16.5	38.8	19.3
R.M. of Durham	296	18,355	3,417	248.5	47.6	20.4	1,554.7	2,300.9	781.4
R.M. of Haldimand-									
Norfolk	117	3,691	1,731	41.6	11.1	3.4	241.2	354.0	117.0
R.M. of Halton	324	15,385	3,300	184.5	38.0	15.5	1,592.1	2,227.8	653.4
R.M. of Hamilton-									
Wentworth	547	42,553	6,370	516.5	102.4	73.8	1,833.3	3,299.5	1,453.8
R.M. of Niagara	488	29,922	3,566	360.4	71.6	55.8	1,024.1	2,031.6	1,002.0
R.M. of Ottawa-									
Carleton	298	5,960	2,554	74.9	17.8	5.7	223.9	479.7	251.1
R.M. of Peel	656	25,137	7,909	308.0	69.0	30.3	1,356.3	2,399.7	1,072.0
R.M. of Sudbury	71	7,033	113	75.2	15.4	32.2	52.7	229.1	144.2
R.M. of Waterloo	603	29,106	12,435	343.1	85.2	21.0	1,088.0	1,932.1	891.7
R.M. of York	417	9,360	3,670	113.5	27.4	7.1	375.5	707.4	339.1
Renfrew	118	3,354	1,397	34.1	9.8	3.7	86.4	178.2	91.4
Russell	12	37	3	0.3	0.1	-	3.5	4.2	0.7
Simcoe	246	9,134	4,441	99.9	26.9	7.8	303.0	581.0	286.3
Stormont	73	4,399	983	46.6	11.6	14.1	170.3	323.7	149.6
Sudbury	24	1,315	15	14.7	2.8	4.3	38.2	99.1	59.6
Thunder Bay	121	7,421	514	82.8	16.4	30.8	247.5	565.2	295.8
Timiskaming	47	1,015	62	8.7	2.1	1.2	17.8	40.6	22.2
Victoria	64	1,488	839	16.0	4.8	1.2	48.5	88.9	41.7
Wellington	244	7,247	3,263	83.4	21.5	7.9	352.8	647.8	301.8
York (Metropolitan Toronto)	4,703	121,006	58,148	1,584.7	374.7	91.4	5,657.7	10,428.2	4,919.9

Table 20.3 (cont'd)
Principal Manufacturing Statistics, by County, Ontario, 1974 and 1975

Total Activity									
1974	Estab- lish- ments	Employees-Administrative Office and Other Non- Manufacturing Employees			Total Employees		Cost of Materials; Supplies and Goods for Resale	Value of Shipments and other Revenue	Value Added
		Male	Female	Salaries Paid	Number	Salaries and Wages			
Number		\$ Million		\$ Million		\$ Million			
Ontario	12,661	154,434	58,932	2,656.3	846,211	8,570.3	28,150.5	47,123.1	19,406.3
Algoma	70	2,480	281	49.0	11,843	162.3	244.5	566.2	307.4
Brant	219	3,066	1,235	48.4	17,494	169.6	493.4	821.4	340.9
Bruce	71	335	107	5.2	2,366	21.9	67.7	129.2	51.1
Cochrane	61	898	160	13.4	5,835	65.5	118.1	300.0	168.3
Dufferin	37	164	60	2.8	1,083	9.2	33.9	54.1	21.1
Dundas	26	191	77	3.0	1,426	11.2	76.4	123.1	49.9
Elgin	97	1,164	360	21.2	9,158	94.6	758.0	916.2	175.5
Essex	442	6,153	1,649	123.0	37,624	466.3	2,252.8	3,462.6	1,268.8
Frontenac	83	1,361	371	21.3	6,517	66.4	258.7	411.9	164.4
Glengarry	23	91	25	1.3	933	6.5	29.3	47.5	18.1
Grenville	32	662	192	10.5	3,170	31.8	164.4	268.0	100.0
Grey	125	1,053	377	14.8	6,594	52.4	122.8	217.0	100.0
Haliburton	14	50	12	0.5	306	2.4	2.0	6.6	4.1
Hastings	152	1,937	708	27.8	10,441	88.0	225.4	424.2	215.5
Huron	93	505	200	7.3	3,465	28.1	99.3	158.3	62.1
Kenora ¹	58	479	142	7.5	3,512	40.4	92.1	231.2	126.6
Kent	176	1,724	559	27.7	12,331	123.0	417.3	676.8	259.9
Lambton	125	2,994	653	59.5	11,337	156.4	1,198.3	1,716.4	523.3
Lanark	70	495	292	8.0	3,540	26.9	61.7	118.5	58.1
Leeds	60	1,390	548	18.7	5,965	51.5	274.1	401.2	136.6
Lennox - Addington	20	308	88	4.8	2,156	21.1	55.4	103.6	43.3
Manitoulin	9	5	5	0.1	29	0.2	0.6	0.9	0.1
Middlesex	381	5,284	1,911	83.6	26,076	253.7	747.5	1,293.8	570.0
Muskoka	53	219	60	3.4	1,510	13.5	60.6	88.6	31.1
Nipissing	73	525	181	7.7	3,129	28.4	76.0	136.5	62.1
Northumberland	104	904	329	14.7	5,457	50.9	156.4	314.2	159.9
Oxford	169	1,991	798	30.8	11,382	100.0	322.3	523.3	203.3
Parry Sound	40	147	47	1.9	953	7.4	19.6	37.7	18.1
Perth	126	1,533	637	23.4	9,880	78.8	225.5	384.5	163.3
Peterborough	107	2,614	745	41.8	10,316	107.9	208.4	401.4	197.3
Prescott	44	261	108	4.4	2,592	22.8	85.9	145.1	58.1
Prince Edward	32	90	33	1.4	800	6.5	22.5	45.3	20.1
R.M. of Durham	296	5,571	1,714	103.2	29,057	351.7	2,447.8	3,373.0	978.8
R.M. of Haldimand- Norfolk	117	642	307	10.3	6,371	51.9	257.2	374.5	122.1
R.M. of Halton	324	4,231	1,554	76.7	24,470	261.2	1,648.6	2,323.5	695.3
R.M. of Hamilton- Wentworth	547	10,000	2,988	172.7	61,911	689.2	1,953.3	3,456.8	1,497.3
R.M. of Niagara	488	6,791	2,158	117.4	42,437	477.8	1,094.5	2,120.1	1,020.3
R.M. of Ottawa- Carleton	298	4,022	1,530	67.1	14,066	142.0	274.7	544.1	265.3
R.M. of Peel	656	10,925	3,939	188.1	47,910	496.0	1,651.3	2,776.0	1,155.3
R.M. of Sudbury	71	1,154	176	18.1	8,476	93.4	65.7	246.9	149.3
R.M. of Waterloo	603	8,094	3,068	127.2	52,703	470.2	1,224.2	2,101.6	930.3
R.M. of York	417	2,919	1,383	52.1	17,332	165.6	440.1	784.9	354.3
Renfrew	118	879	331	13.0	5,961	47.1	93.6	186.1	92.3
Russell	12	5	3	0.1	48	0.4	4.0	4.9	0.1
Simcoe	246	2,546	969	37.5	17,090	137.5	341.2	625.3	294.3
Stormont	73	901	356	14.6	6,639	61.2	202.4	363.6	156.3
Sudbury	24	216	59	3.9	1,605	18.6	39.6	101.8	60.3
Thunder Bay	121	1,448	403	23.5	9,786	106.3	264.8	584.4	298.3
Timiskaming	47	324	75	3.8	1,476	12.4	19.6	42.6	22.3
Victoria	64	318	144	5.1	2,789	21.1	52.5	93.5	42.3
Wellington	244	2,155	858	34.1	13,523	117.5	398.3	702.0	310.3
York (Metropolitan Toronto)	4,703	50,220	23,967	898.8	253,341	2,483.5	6,705.9	11,793.0	5,270.3

Table 20.3 (cont'd)

Principal Manufacturing Statistics, by County, Ontario, 1974 and 1975

Manufacturing Activity									
1975	Estab- lish- ments	Production and Related Workers			Man- hours Paid	Cost of Fuel and Electri- city	Cost of Materials and Supplies Used	Value of Shipments of Own Manu- facture	Value Added
		Male	Female	Wages					
		Number		\$ Million	\$ Million		\$ Million		
Ontario	12,245	470,463	142,242	6,316.6	1,264.0	791.5	25,560.1	44,422.8	18,357.8
Algoma ²	114	10,401	616	139.8	21.2	34.4	335.8	645.9	291.2
Brant	219	10,179	2,656	135.4	26.6	8.9	428.8	761.5	338.7
Bruce	66	1,566	403	19.7	4.2	29.3	68.9	137.4	38.7
Cochrane	59	4,679	136	45.9	8.2	15.3	100.2	209.9	102.1
Dufferin	39	584	347	8.2	1.9	0.4	37.8	59.8	20.9
Dundas	26	892	255	9.3	2.5	1.6	80.3	134.8	52.9
Elgin	92	5,320	1,110	63.0	12.6	3.9	696.7	839.7	163.1
Essex	433	24,932	3,062	351.8	62.6	27.8	1,868.3	2,993.8	1,084.4
Frontenac	72	3,859	649	50.2	9.5	6.9	210.6	358.0	148.9
Glengarry	23	585	201	5.9	1.6	0.7	38.4	55.1	17.2
Grenville	30	1,541	550	21.8	4.5	12.7	148.9	267.9	100.3
Grey	126	3,362	1,483	39.5	10.0	3.4	118.8	218.4	95.5
Haliburton	12	183	27	1.6	0.4	0.3	1.5	5.0	3.5
Hastings	151	4,810	2,401	61.0	14.8	6.5	200.2	415.5	211.6
Huron	87	2,336	406	24.2	5.6	1.5	102.8	169.1	67.0
Kenora ¹	51	2,834	139	33.3	5.8	15.5	89.4	218.0	113.9
Kent	165	7,949	1,904	100.5	20.7	9.1	440.3	700.2	256.7
Lambton	116	7,461	586	109.5	17.0	69.5	1,216.2	1,750.8	498.6
Lanark	72	1,645	1,129	20.8	5.7	1.5	56.4	116.3	60.3
Leeds	59	2,780	1,222	37.2	8.0	2.6	181.8	319.1	131.7
Lennox - Addington	19	1,294	520	17.9	3.7	6.5	41.2	87.7	40.1
Manitoulin	8	11	3	0.1	-	-	0.6	0.9	0.2
Middlesex	365	12,057	5,195	172.1	35.7	10.6	580.2	1,123.9	531.8
Muskoka D.M.	48	940	147	10.1	2.3	1.9	60.8	96.1	31.4
Nipissing	74	2,288	263	21.4	4.9	3.4	61.2	119.2	54.2
Northumberland	92	3,229	1,024	42.5	8.8	3.9	147.9	319.9	170.6
Oxford	168	5,531	1,988	68.0	15.5	12.5	317.7	526.2	206.0
Parry Sound	39	664	104	6.3	1.6	0.9	20.7	39.1	17.7
Perth	122	4,414	2,660	58.5	14.5	7.8	207.9	377.7	161.2
Peterborough	101	5,576	1,094	70.9	13.9	3.9	171.5	368.5	193.9
Prescott	45	1,524	579	17.4	4.1	3.7	62.9	112.6	45.5
Prince Edward	29	510	213	5.6	1.5	5.1	16.4	43.5	20.8
R.M. of Durham	289	17,541	3,713	258.7	43.2	24.7	1,662.9	2,405.1	700.3
R.M. of Haldimand- Norfolk	108	3,766	1,331	44.5	10.5	5.0	264.7	384.6	125.5
R.M. of Halton	322	13,966	3,174	190.3	35.2	18.1	1,817.6	2,355.7	543.1
R.M. of Hamilton- Wentworth	519	41,624	5,695	556.4	97.9	83.4	2,022.1	3,490.8	1,470.5
R.M. of Niagara	478	28,491	3,389	376.7	66.5	57.7	1,080.9	2,126.0	994.8
R.M. of Ottawa- Carleton	282	5,854	2,238	78.6	16.6	5.6	219.2	463.2	243.9
R.M. of Peel	687	25,364	7,912	348.4	69.3	35.8	1,427.5	2,600.3	1,160.7
R.M. of Sudbury	65	5,269	139	58.7	10.8	37.4	55.4	266.1	173.5
R.M. of Waterloo	596	28,529	11,322	377.9	81.5	25.0	1,151.4	2,100.7	944.0
R.M. of York	425	9,422	3,425	124.1	26.9	7.4	380.1	739.3	358.9
Renfrew	117	3,343	1,263	38.2	9.5	3.8	98.0	185.1	89.1
Russell	10	41	4	0.4	0.1	-	4.4	5.3	0.9
Simcoe	236	8,341	3,596	103.6	24.2	9.3	306.6	605.5	294.7
Stormont	69	3,597	833	41.4	9.2	13.9	141.8	261.8	106.1
Sudbury D.	24	1,320	27	13.4	2.4	4.7	39.8	81.1	39.9
Thunder Bay	114	7,282	457	82.6	13.8	31.7	235.5	503.8	238.3
Victoria	63	1,390	671	17.5	4.3	1.4	47.9	91.4	43.5
Wellington	231	7,482	3,228	97.2	22.0	9.4	386.8	734.2	348.7
York (Metropolitan Toronto)	4,488	121,905	56,793	1,738.4	370.3	105.2	6,106.3	11,431.4	5,210.6

Table 20.3 (cont'd)

Principal Manufacturing Statistics, by County, Ontario, 1974 and 1975

Total Activity									
1975	Estab- lish- ments	Employees - Administrative Office and Other Non- Manufacturing Employees			Total Employees		Cost of Materials; Supplies and Goods for Resale	Value of Shipments and other Revenue	Value Added
		Male	Female	Salaries Paid	Number	Salaries and Wages			
				\$ Million		\$ Million		\$ Million	
Ontario	12,245	140,607	54,123	2,710.8	807,475	9,027.4	29,801.6	49,813.2	19,525.6
Algoma	114	2,484	276	48.8	13,777	188.6	343.7	673.8	311.5
Brant	219	2,790	1,091	50.0	16,716	185.4	567.5	925.4	369.3
Bruce	66	344	105	6.4	2,418	26.1	77.9	153.0	45.3
Cochrane	59	816	150	13.2	5,781	59.1	107.2	220.5	105.8
Dufferin	39	156	59	2.8	1,146	11.0	40.8	64.5	22.4
Dundas	26	193	73	3.2	1,413	12.5	96.6	161.8	62.3
Elgin	92	1,061	264	19.9	7,755	82.9	726.4	881.8	175.1
Essex	433	4,734	1,216	101.5	33,944	453.3	1,900.3	3039.2	1,095.7
Frontenac	72	1,239	337	22.0	6,084	72.2	233.4	386.0	151.7
Glengarry	23	84	19	1.4	889	7.4	38.9	58.3	20.0
Grenville	30	674	167	12.2	2,932	34.0	178.9	314.5	112.7
Grey	126	828	369	14.1	6,042	53.6	132.6	234.3	96.4
Haliburton	12	33	7	0.4	250	2.0	1.6	5.0	3.5
Hastings	151	1,627	671	27.2	9,509	88.1	226.0	450.0	219.7
Huron	87	476	210	8.0	3,428	32.2	111.8	181.9	70.7
Kenora ¹	51	402	139	8.3	3,514	41.6	104.3	234.5	115.4
Kent	165	1,661	539	30.4	12,053	130.9	472.4	738.9	261.9
Lambton	116	3,273	505	68.3	11,825	177.8	1,321.0	1,869.0	509.9
Lanark	72	449	267	8.4	3,490	29.1	63.8	127.7	63.7
Leeds	59	1,327	524	22.2	5,853	59.4	253.0	406.1	146.8
Lennox - Addington	19	324	96	5.4	2,234	23.3	58.1	107.5	42.1
Manitoulin	8	3	4	0.1	21	0.2	0.6	0.9	0.2
Middlesex	365	4,648	1,715	83.2	23,615	255.2	784.3	1,392.1	599.1
Muskoka D.M.	48	162	48	3.1	1,297	13.2	64.0	99.3	31.6
Nipissing	74	478	173	8.4	3,202	29.8	72.1	134.6	58.5
Northumberland	92	872	321	16.1	5,446	58.6	158.1	330.0	171.4
Oxford	168	1,657	684	30.0	9,860	98.0	349.0	563.8	211.1
Parry Sound	39	106	43	2.0	917	8.2	21.7	40.2	17.8
Perth	122	1,372	569	22.8	9,015	81.4	232.8	408.6	167.1
Peterborough	101	2,332	683	41.9	9,685	112.9	214.6	428.9	211.9
Prescott	45	279	99	4.7	2,481	22.1	68.7	118.9	46.1
Prince Edward	29	80	23	1.4	826	7.0	20.1	49.4	22.9
R.M. of Durham	289	5,314	1,809	107.7	28,377	366.4	2,954.2	3,900.2	913.1
R.M. of Haldimand- Norfolk	108	673	264	11.9	6,034	56.4	277.8	401.0	128.3
R.M. of Halton	322	3,696	1,422	75.6	22,258	266.0	1,876.9	2,467.5	595.1
R.M. of Hamilton- Wentworth	519	9,481	2,764	186.7	59,564	743.1	2,159.5	3,665.7	1,508.1
R.M. of Niagara	478	6,382	2,085	123.8	40,347	500.5	1,161.6	2,224.2	1,014.4
R.M. of Ottawa- Carleton	282	3,600	1,332	64.2	13,024	142.8	276.2	536.7	261.9
R.M. of Peel	687	9,246	3,468	183.4	45,990	531.8	1,749.2	3,007.0	1,252.4
R.M. of Sudbury	65	2,727	476	50.1	8,611	108.8	62.3	278.9	179.5
R.M. of Waterloo	596	7,702	2,966	133.5	50,519	511.4	1,287.3	2,271.2	980.3
R.M. of York	425	2,556	1,227	52.9	16,630	177.0	428.5	805.1	376.7
Renfrew	117	638	248	10.7	5,492	48.9	107.3	195.2	89.7
Russell	10	2	3	-	50	0.4	4.4	5.3	0.9
Simcoe	236	2,190	901	37.2	15,028	140.8	350.5	657.5	304.1
Stormont	69	868	319	15.8	5,617	57.2	173.5	300.6	112.9
Sudbury D.	24	207	54	4.0	1,608	17.3	40.5	87.9	45.9
Thunder Bay	114	1,638	398	25.6	9,775	108.2	258.8	531.8	243.3
Victoria	63	282	108	4.8	2,451	22.3	51.5	95.6	43.9
Wellington	231	2,044	786	37.2	13,540	134.4	443.1	803.8	363.3
York (Metropolitan Toronto)	4,488	44,397	22,047	898.3	245,142	2,636.7	7,096.4	12,777.6	5,571.7

1) Includes Rainy River.

2) Includes Timiskaming.

Table 20.4**Principal Manufacturing Statistics by Type of Ownership, Ontario, 1975**

1975	Individual Owners	Partner- ships	Incorporated Companies	Co-operatives	Total
Manufacturing Activity					
Establishments	1,602	620	9,976	47	12,245
Production and Related Workers					
Male	2,751	2,504	464,534	674	470,463
Female	1,122	1,642	139,310	208	142,282
Wages (\$ million)	29.8	32.5	6,246.3	8.0	6,316.6
Manhours paid (million)	8.0	8.8	1,245.2	1.9	1,264.0
Cost of Fuel and Electricity (\$ million)	0.2	1.0	788.8	1.4	791.5
Cost of Materials and Supplies Used (\$ million)	77.6	84.9	25,284.4	113.1	25,560.1
Value of Shipments of Own Manufacture (\$ million)	139.1	161.0	43,981.9	140.8	44,422.8
Value Added (\$ million)	61.4	75.6	18,194.1	26.7	18,357.8
Total Activity					
Working Owners and Partners	1,592	1,185	-	-	2,777
Administrative Office and Other Non- Manufacturing Employees					
Male Administration	107	277	170,308	247	170,939
Female Administration	88	190	66,170	159	66,607
Salaries (\$ million)	1.5	5.6	3,344.7	4.7	3,356.5
Total Employees (Number)	4,068	4,613	840,322	1,288	850,291
Salaries and Wages (\$ million)	31.3	38.1	9,590.9	12.7	9,673.1
Cost of Materials, Supplies and Goods for Resale (\$ million)	78.2	88.6	32,430.2	166.7	32,763.8
Value of Shipments and Other Revenue (\$ million)	139.8	165.3	52,852.9	198.0	53,355.9
Value Added (\$ million)	61.5	76.4	19,954.1	30.9	20,122.9

Source: SC, *Manufacturing Industries of Canada: Type of organization and size of establishments*; Catalogue 31-210.

Table 20.5
Selected Principal Statistics of the Leading Industries¹, Canada and Ontario, 1976

Canada Industry	Estab- lish- ments	Production and related workers		Cost of materials and supplies used	Value of shipments of goods of own manufacture	Value added	
		Number	Wages				
\$'000's							
Rank							
1	Motor vehicle manufacturers	33	35,778	53,904	5,919,260	7,276,146	1,350,973
2	Petroleum refining	39	6,084	115,165	5,798,852	6,725,220	944,843
3	Pulp and paper mills	147	66,946	1,033,475	2,732,640	5,992,723	2,845,278
4	Slaughtering and meat processors	467	24,951	318,456	3,175,540	3,989,996	787,733
5	Iron and steel mills	46	40,573	611,758	1,888,374	3,460,058	1,468,650
6	Motor vehicle parts and accessories	238	39,134	558,132	1,733,017	3,112,322	1,400,480
7	Sawmills and planing mills	1,213	47,838	641,721	1,603,592	2,878,325	1,262,426
8	Dairy products industry	491	13,626	158,403	2,131,084	2,811,178	637,592
9	Misc. machinery and equipment mfrs.	877	39,277	459,284	1,182,491	2,418,660	1,234,578
10	Miscellaneous food processors n.e.s.	251	11,611	128,758	1,025,308	1,708,718	657,666
11	Metal stamping and pressing ind.	544	20,921	244,822	891,314	1,560,457	690,315
12	Commercial printing	1,978	32,623	368,533	613,032	1,465,025	844,337
13	Smelting and refining	28	23,294	314,963	505,254	1,443,307	781,181
14	Communications equipment manufacturers	261	24,136	265,720	506,196	1,383,162	864,324
15	Feed industry	608	5,389	59,013	1,037,624	1,292,509	242,879
16	Rubber products industry	115	19,543	225,350	571,517	1,212,168	604,728
17	Industrial chemicals (organic) n.e.s.	35	5,649	90,263	613,747	1,180,698	456,803
18	Publishing and printing	574	17,190	218,812	299,051	1,147,866	842,081
19	Plastic fabricating industry n.e.s.	661	22,034	200,901	588,960	1,101,587	504,077
20	Mfrs. electrical industrial equipment	200	19,165	211,396	449,417	1,019,130	572,538

Table 20.5 (cont'd)
Selected Principal Statistics of the Leading Industries¹, Canada and Ontario, 1976

Canada Industry		Estab-lish-ments	Production and related workers		Cost of materials and supplies used	Value of shipments of goods of own manufacture	Value added
			Number	Wages			
\$'000's							
Rank							
21	Men's clothing factories	485	33,481	253,916	539,270	1,015,619	497,248
22	Misc. metal fabricating inds.	524	18,277	194,980	492,154	994,554	490,355
23	Women's clothing factories	566	26,756	188,985	512,557	913,508	407,593
24	Industrial chem. (inorganic) n.e.s.	89	6,239	101,690	354,671	908,328	409,695
25	Agricultural implement industry	148	12,934	175,455	510,668	853,054	349,621
26	Fab. structural metal ind.	159	13,549	198,323	369,272	840,496	468,746
27	Fruit and veg. canners & preservers	204	10,681	94,523	500,786	832,997	326,547
28	Bakeries	1,478	16,422	170,353	375,912	832,604	439,423
29	Miscellaneous chemical inds. n.e.s.	311	8,194	90,045	420,810	798,616	367,700
30	Miscellaneous paper converters	215	11,473	119,103	435,001	778,044	342,619
31	Household furniture mfrs. n.e.s.	653	22,633	202,098	372,812	770,122	402,238
32	Soft drink manufacturers	272	6,930	79,139	390,553	751,382	351,510
33	Fish products industry	319	16,695	148,742	470,250	742,001	285,272
34	Breweries	42	7,033	112,384	241,946	736,051	481,062
35	Aircraft and aircraft parts mfrs.	103	12,926	151,857	262,084	723,237	454,543
36	Mfrs. pharmaceuticals and medicines	132	6,476	66,983	267,058	698,789	431,117
37	Wire and wire products mfrs. n.e.s.	245	10,362	112,529	391,092	691,778	298,252
38	Tobacco products manufacturers	15	5,320	71,919	288,409	656,840	367,850
39	Mfrs. of electric wire and cable	37	6,900	84,092	420,412	648,693	219,758
40	Ready-mix concrete manufacturers	348	7,232	102,125	344,736	633,489	271,447

Table 20.5 (cont'd)Selected Principal Statistics of the Leading Industries¹, Canada and Ontario, 1976

Selected Principal Statistics of the Leading Industries, Canada						
Ontario Industry	Estab- lish- ments	Production and related workers		Cost of materials and supplies used	Value of shipments of goods of own manufacture	Value added
		Number	Wages			
\$'000's						
Rank						
1	Motor vehicle manufacturers	12	31,134	464,879	5,248,743	1,250,156
2	Motor vehicle parts & accessories	185	38,040	547,168	1,706,964	1,376,056
3	Iron and steel mills	17	32,318	500,948	1,570,053	1,231,413
4	Petroleum refining	7	1,887	38,926	1,630,919	345,322
5	Misc. machinery and equipment mfrs.	502	23,557	268,800	792,100	762,307
6	Slaughtering and meat processors	167	8,742	118,821	1,050,476	324,402
7	Pulp and paper mills	37	17,302	237,707	579,398	540,708
8	Metal stamping and pressing ind.	277	12,920	153,952	564,300	411,066
9	Dairy products industry	182	4,294	50,099	740,885	212,429
10	Industrial chemicals (organic) n.e.s.	18	4,519	71,381	472,823	348,619
11	Miscellaneous food processors n.e.s.	105	6,129	68,950	509,904	377,655
12	Communications equipment mfrs.	161	15,804	171,006	330,425	534,226
13	Rubber products industries	67	12,288	145,170	366,717	398,027
14	Mfrs. electrical industrial equip.	121	15,137	170,561	319,974	449,883
15	Commercial printing	879	16,285	186,171	309,313	452,443
16	Misc. metal fabricating inds.	320	12,433	132,970	374,975	351,712
17	Plastics fabricating industry n.e.s.	340	13,939	128,146	372,108	313,888
18	Fruit & veg. canners & preservers	107	6,876	62,580	327,724	224,625
19	Miscellaneous paper converters	114	7,681	84,374	301,297	232,601

Table 20.5 (cont'd)**Selected Principal Statistics of the Leading Industries¹, Canada and Ontario, 1976**

Ontario Industry		Estab- lish- ments	Production and related workers		Cost of materials and supplies used	Value of shipments of goods of own manufacture	Value added
			Number	Wages			
\$'000's							
Rank							
20	Publishing and printing	212	6,940	88,455	135,191	530,821	392,943
21	Agricultural implement industry	52	8,010	123,850	325,307	519,636	199,955
22	Miscellaneous chemical inds. n.e.s.	156	3,751	39,967	251,864	466,613	206,190
23	Hardware, tool and cutlery mfrs.	456	11,143	122,838	162,077	427,231	264,724
24	Feed industry	199	2,123	23,750	324,762	426,884	98,578
25	Wire and wire products mfrs. n.e.s.	148	6,215	68,699	237,965	423,155	183,447
26	Industrial chem. (inorganic) n.e.s.	27	2,534	42,404	136,856	417,353	207,954
27	Instrument & related products mfrs.	96	5,785	61,577	177,331	414,550	241,672
28	Manufacturers of major appliances	24	6,228	68,754	241,924	392,638	158,591
29	Mfrs. of soap and cleaning compounds	45	2,903	40,007	229,939	386,803	158,685
30	Household furniture mfrs. n.e.s.	268	10,656	97,784	188,400	375,127	190,293
31	Mfrs. pharmaceuticals and medicines	72	3,476	35,731	130,175	358,051	231,138
32	Mfrs. of electric wire and cable	17	3,819	46,023	244,406	354,868	106,607
33	Office and store machinery mfrs.	31	3,780	46,140	216,113	345,926	128,790
34	Smelting & refining	9	7,819	99,319	61,823	339,573	218,049
35	Fab. structural metal industry	71	5,627	90,349	141,648	335,580	198,409
36	Confectionary manufacturers	43	4,179	39,568	161,610	333,625	171,389
37	Boiler and plate works	41	4,451	73,785	181,455	326,778	142,234
38	Railroad rolling stock industry	9	3,135	44,845	150,888	322,671	151,300

Rank relates only to industries for which data can be published.

Source: SC, *Manufacturing Industries of Canada: National and Provincial Areas*.

Table 20.6
Motor Vehicle Production, Canada, 1951–1978

	Passenger Cars Production	Motor Trucks and Buses Production	Total Production
1951–1955	1,589,765	550,288	2,139,794
1956	374,727	96,623	471,350
1957	340,381	73,196	413,577
1958	297,373	59,045	356,418
1959	301,435	66,504	367,939
1960	325,785	71,954	397,739
1961	323,638	63,285	386,923
1962	424,581	80,606	505,187
1963	532,243	99,113	631,356
1964	559,603	111,387	670,990
1965	706,810	139,799	846,609
1966	684,547	187,667	872,214
1967	708,281	211,227	919,508
1968	889,386	260,832	1,150,218
1969	1,025,994	300,484	1,326,478
1970	923,437	236,067	1,159,504
1971	1,083,201	263,564	1,346,765
1972	1,135,702	294,382	1,430,084
1973	1,227,432	347,388	1,574,820
1974	1,165,635	359,239	1,524,874
1975	1,044,822	379,184	1,424,006
1976	1,146,264	500,488	1,646,752
1977	1,162,427	612,456	1,774,883
1978	1,143,425	675,067	1,818,492

Source: Motor Vehicle Manufacturers Association.

Table 20.7
Annual Production of Steel Ingots and Steel Castings for All Industries¹, by Region, Canada
1971–1976

	1971	1972	1973	1974	1975	1976
'000's Net Tons						
Canada	12,177.3	13,066.2 ^r	14,664.9	14,956.2 ^r	14,268.2	14,617.3
Ontario	10,010.2	10,768.2	12,040.0	11,926.0	11,652.1	12,543.2
Atlantic Provinces	929.4	708.8	812.7	792.8	532.9	418.5
Québec	495.5	749.3	930.6	1,240.1	1,151.0	705.4
Prairie Provinces	624.7	688.6	796.0	882.6	833.1	843.4
British Columbia	117.4	151.3	85.6	114.8	99.1	106.7

¹⁾ Includes details from other industries which manufacture as a secondary activity commodities such as steel ingots and steel castings.

Source: SC, Iron and Steel Mills.

Table 20.8**Gross National Product and Index of Industrial Production¹, Canada, 1952-1978²**

	Gross National Product ³	Index of Industrial Production					Electric Power, Gas and Water Utilities
		Total	Manufacturing			Mining ⁴	
			Total	Non- Durable	Durable		
	\$ Million		1971 = 100				
1952	24,588	35.2	38.9	39.8	37.9	25.9	22.2
1953	25,833	37.8	41.7	42.6	40.8	28.2	23.3
1954	25,918	37.8	40.8	43.3	38.2	31.3	25.3
1955	28,528	41.9	44.7	46.5	43.1	37.0	28.4
1956	32,058	46.3	48.9	50.2	47.6	43.0	31.5
1957	33,513	47.1	48.8	51.4	46.2	47.2	33.8
1958	34,777	46.8	47.9	52.3	43.5	47.9	37.0
1959	36,846	50.8	51.4	55.9	46.9	54.2	41.8
1960	38,359	51.9	52.3	57.4	47.1	54.3	45.3
1961	39,646	54.0	54.4	60.2	48.6	55.7	47.9
1962	42,927	58.6	59.4	64.0	54.8	59.6	50.5
1963	45,978	62.3	63.4	67.3	59.5	62.2	53.5
1964	50,280	68.0	69.5	72.6	66.2	67.0	58.0
1965	55,364	73.8	75.8	76.5	75.1	70.5	62.4
1966	61,828	79.2	81.5	81.6	81.5	74.1	67.9
1967	66,409	82.3	83.9	84.0	83.9	79.9	72.6
1968	72,586	87.6	89.1	88.4	89.7	86.2	78.2
1969	79,815	93.6	95.8	94.8	96.8	86.9	85.4
1970	85,685	94.9	94.5	95.7	93.2	98.7	93.3
1971	94,450	100.0	100.0	100.0	100.0	100.0	100.0
1972	105,234	107.6 ^r	107.2 ^r	107.3 ^r	107.2 ^r	107.4 ^r	111.3 ^r
1973	123,560	117.7 ^r	116.9 ^r	114.3 ^r	119.5 ^r	120.5 ^r	120.4 ^r
1974 ^r	147,528	121.4	120.8	117.0	124.7	119.2	129.7
1975 ^r	165,428	114.9	114.1	111.3	116.9	108.9	129.9
1976 ^r	191,492	120.7	120.2	117.9	122.5	110.2	140.4
1977 ^r	210,132	125.6	124.8	122.6	127.0	114.3	148.7
1978	231,835	132.4	134.1	133.3	135.0	104.4	157.2

¹ Without seasonal adjustment.² Data for 1952 to 1970 have been revised to the 1971 = 100 base from 1961 = 100.³ Current dollars at market prices.⁴ Includes milling, quarries and oil wells.Source: CANSIM, *Real Domestic Product by Industry, Annual Indexes*.
SC, *National Income and Expenditure Accounts*.

Table 20.9
Industrial Distribution of Ontario's Commodity Production, 1950–1976¹

Industrial Structure Within Ontario: Percentage Distribution of Census Value Added in Goods Producing Industries											
	Secondary Industries			Primary Industries							Total Non-Agricul- tural Ind.
	Total	Manufac- turing	Construc- tion	Total	Electric Power	Mining	Fores- try	Fish- eries	Trap- ping	Agricul- ture	
1950	81.0	68.0	13.0	19.1	2.4	3.6	2.0	0.1	0.1	10.9	89.1
1951	80.7	67.7	13.0	19.3	2.4	3.4	2.2	0.1	0.1	11.1	88.9
1952	82.5	69.3	13.2	17.6	2.6	3.3	2.1	0.1	0.1	9.4	90.6
1953	84.2	69.3	14.9	15.9	2.8	3.1	1.6	0.1	0.1	8.2	91.8
1954	84.0	67.8	16.2	16.0	3.1	3.4	1.7	0.1	--	7.7	92.3
1955	84.7	69.5	15.2	15.4	3.3	3.5	1.8	0.1	0.1	6.6	93.4
1956	85.2	69.3	15.9	14.7	3.3	3.5	1.8	0.1	--	6.0	94.0
1957	84.5	67.1	17.4	15.4	3.3	4.1	1.7	0.1	--	6.2	93.8
1958	82.9	64.6	18.3	17.1	3.4	5.3	1.2	0.1	--	7.1	92.9
1959	82.9	66.8	16.1	17.1	3.6	6.0	1.4	0.1	--	6.0	94.0
1960	82.2	66.5	15.7	17.8	3.9	5.7	1.7	0.1	--	6.4	93.6
1961	79.9	67.9	12.0	20.1	4.0	7.1	1.5	0.1	--	7.4	92.6
1962	81.5	69.7	11.8	18.5	3.8	6.1	1.3	0.1	--	7.2	92.8
1963	83.1	71.2	11.9	16.9	3.7	5.5	1.0	0.1	--	6.6	93.4
1964	83.9	72.3	11.6	16.1	3.5	5.5	0.9	0.1	0.1	6.0	94.0
1965	84.6	72.8	11.8	15.4	3.4	5.1	0.8	0.1	--	6.0	94.0
1966	85.1	71.4	13.7	14.9	3.3	4.1	0.9	--	--	6.6	93.4
1967	84.9	71.0	13.9	15.1	3.4	5.0	0.8	--	--	5.9	94.1
1968	84.8	71.3	13.5	15.2	3.5	5.3	0.7	--	--	5.7	94.3
1969	85.7	72.0	13.7	14.3	3.6	4.4	0.7	--	--	5.6	94.4
1970	85.2	71.2	14.0	14.8	3.6	5.3	0.7	--	--	5.2	94.8
1971 ^r	87.9	72.3	15.5	12.1	3.4	4.2	0.6	--	--	3.9	96.1
1972 ^r	87.7	72.1	15.6	12.3	3.4	4.2	0.6	--	--	4.1	95.9
1973 ^r	86.1	71.1	15.1	13.9	3.5	5.2	0.6	--	--	4.5	95.5
1974 ^r	85.8	71.0	14.8	14.2	3.3	5.9	0.7	--	--	4.3	95.7
1975	86.3	70.9	15.4	13.7	3.2	4.8	0.6	--	--	4.9	95.1
1976	87.2	70.3	16.9	12.8	3.1	4.6	0.6	--	--	4.4	95.6

1) Adoption of the 1960 Standard Industrial Classification has brought about changes in data for mining and manufacturing from 1959 onward and again in manufacturing from 1961 onward. As a result, the series for these statistics and for totals which include these statistics are discontinuous at 1959 and 1961.

Source: SC, *Survey of Production*.

Table 20.10

Position of Ontario's Commodity Production in Canada, 1950-1976

Ontario Percentage of Canada Census Value Added in Goods Producing Industries												
	All Com- modity- Producing Industries	Secondary Industries			Primary Industries							Total Non-Agri- cultural Industries
		Total	Manufac- turing	Con- struction	Total	Electric Power	Mining	Fores- try	Fish- eries	Trap- ping	Agri- culture	
1950	41.2	48.8	51.6	37.9	24.8	34.1	24.6	18.4	7.6	26.9	25.8	44.5
1951	40.1	48.5	51.4	37.4	23.4	35.0	23.2	17.9	6.9	26.3	23.8	43.9
1952	39.3	47.5	51.2	34.5	21.7	35.0	23.4	18.8	8.0	25.9	20.2	43.6
1953	40.8	47.6	51.7	34.8	23.3	36.6	23.3	17.4	7.8	29.3	22.6	44.0
1954	41.1	46.3	49.7	35.9	26.0	36.8	21.8	17.0	7.2	27.3	29.6	42.5
1955	40.5	46.8	50.6	34.9	23.3	38.4	20.8	17.2	7.4	24.6	23.3	42.8
1956	39.9	46.2	50.7	33.4	22.3	39.5	20.1	16.5	7.5	24.2	21.5	42.2
1957	42.1	47.0	51.4	35.3	26.9	39.3	23.7	19.4	7.4	23.5	29.0	43.4
1958	42.2	46.7	50.2	37.5	28.8	38.2	30.6	17.0	6.2	25.7	28.9	43.8
1959	42.2	46.8	51.5	34.0	28.7	37.9	32.6	18.3	4.6	25.2	26.7	43.9
1960	41.3	46.0	50.3	33.8	27.9	38.0	30.5	19.2	4.9	22.9	26.2	43.0
1961	42.5	46.7	50.8	33.2	30.2	37.1	31.4	17.3	5.2	21.1	31.5	43.1
1962	41.6	47.5	51.3	34.1	26.0	36.3	27.0	15.8	4.1	23.7	25.5	43.2
1963	42.1	48.5	52.3	34.9	24.4	35.8	24.4	17.7	4.2	28.3	22.4	44.2
1964	42.4	48.5	52.6	33.5	24.6	35.4	23.5	16.2	3.5	30.2	24.1	43.9
1965	42.6	48.4	53.3	31.9	24.4	35.8	22.3	16.0	4.0	24.6	24.5	44.0
1966	42.3	48.6	53.3	34.1	23.2	35.4	19.2	17.1	3.4	29.0	24.3	44.0
1967	43.5	48.7	53.9	34.2	25.2	34.6	22.3	16.5	3.6	24.9	27.5	44.2
1968	43.8	49.0	54.0	35.0	25.1	34.6	22.8	15.3	3.2	27.6	27.4	44.4
1969	43.4	48.8	53.7	34.8	24.0	34.7	19.5	15.1	4.0	30.1	26.9	44.0
1970	43.6	49.7	53.5	36.5	25.6	34.2	22.1	16.1	3.2	26.2	29.0	44.8
1971 ^r	43.5	49.5	54.1	35.5	23.1	34.5	18.9	15.3	3.4	24.7	25.4	44.8
1972 ^r	43.9	49.8	53.9	36.9	23.7	35.4	18.9	14.2	3.4	24.9	27.8	45.0
1973 ^r	42.2	49.2	53.4	35.9	22.4	37.4	19.2	13.1	3.2	25.4	23.3	43.8
1974 ^r	41.3	48.6	52.9	35.1	21.6	37.1	18.6	15.1	3.3	27.1	21.9	43.0
1975	39.2	46.7	52.0	31.8	19.5	34.0	14.0	15.7	3.8	28.5	23.5	40.7
1976 ^p	38.3	45.8	52.0	30.7	18.1	31.2	12.8	14.6	3.2	25.7	23.0	39.5

^r Adoption of the 1960 Standard Industrial Classification has brought about changes in data for mining and manufacturing from 1959 onward and again in manufacturing from 1961 onward. As a result the series for these statistics and for totals which include these statistics are discontinuous at 1959 and 1961.

Source: SC, *Survey of Production*.

Table 20.11**Real Domestic Product by Industry, Canada, 1971-1977**

	1971 weight	1972 ^r	1973 ^r	1974 ^r	1975 ^r	1976 ^r	1977
1971 = 100							
Real Domestic Product	100.000	105.6	113.4	118.1	119.0	125.2	129.0
Agriculture	3.371	88.2	89.5	82.0	91.7	104.2	101.3
Forestry	0.802	102.4	123.9	117.8	97.6	109.0	120.2
Fishing and Trapping	0.178	95.5	100.4	90.0	86.0	101.3	88.8
Mines (including milling), Quarries and Oil Wells	3.819	107.4	120.5	119.2	108.9	110.2	114.3
Manufacturing Industries	22.753	107.2	116.9	120.8	114.1	120.2	124.8
Construction Industry	6.990	102.4	107.5	112.3	116.3	122.3	119.8
Transportation, Storage and Communication	9.050	107.0	115.7	123.6	126.1	131.4	136.7
Electric Power, Gas and Water Utilities	2.658	111.3	120.4	129.7	129.9	140.4	148.7
Trade	11.561	109.0	118.0	125.7	126.3	133.2	134.9
Wholesale Trade	4.756	108.1	118.2	126.1	121.7	126.8	127.2
Retail Trade	6.805	109.6	117.9	125.4	129.5	137.6	140.3
Finance, Insurance and Real Estate	11.853	105.9	114.3	119.4	126.4	134.0	142.6
Community, Business and Personal Service Industries	19.539	104.8	109.8	115.3	120.0	125.4	129.4
Public Administration and Defence	7.425	104.3	109.9	114.2	118.6	122.6	124.4

Source: SC, *Indexes of Real Domestic Product by Industry*.

Investment and Construction

Highlights

Investment – In Ontario in 1979, capital and repair expenditures amounted to \$22.4 billion, which represented 31.9 per cent of the Canada total. Of the Ontario total, construction accounted for 52.5 per cent; machinery and equipment accounted for 47.5 per cent.

Of the \$22.4 billion of capital and repair investment in Ontario in 1979, the manufacturing sector expended 23.3 per cent; utilities, 20.9 per cent; housing, 22.7 per cent; government departments, 9.0 per cent; and commercial services, 5.8 per cent.

In 1979, of the \$5.2 billion spent in Ontario for capital and repair investment in the manufacturing sector, 23.6 per cent was spent in Toronto, 13.0 per cent in Hamilton and 6.9 per cent in Windsor.

Of Ontario's \$16.9 billion of private and public investment in 1979, 56.2 per cent was invested in construction and 43.8 per cent in new machinery and equipment. Of the Ontario total, primary industries accounted for 8.3 per cent; manufacturing, 19.8 per cent; utilities, 20.6 per cent; trade and finance, 15.1 per cent; housing, 24.0 per cent; and institutions and government departments, 12.6 per cent.

Value of Construction – Forecast figures for the value of total building construction in Ontario indicate that the figure will reach \$7.42 billion in 1979. Of this total, residential construction is likely to account for 66.9 per cent; industrial for 8.7 per cent; commercial for 14.4 per cent; institutional for 5.3 per cent; and other construction for 4.7 per cent.

The total value of engineering construction rose by 3.1 per cent between 1977 and 1978 to reach \$3.6 billion out of which 23.3 per cent was allocated to electric power construction; 17.6 per cent to road, highway and aerodrome construction; 14.9 per cent to waterworks and sewage systems; and 15.3 per cent to railway, telephone and telegraph.

Between 1977 and 1978, the total value of construction work performed rose by 5.6 per cent to \$11.1 billion of which 35.7 per cent consisted of labour costs and 37.6 per cent of the cost for materials used. The value of new work (as opposed to repair work) totalled \$9.1 billion, or 81.9 per cent of the total value of construction work performed in Ontario in 1978.

Building Permits – In Ontario in 1978, 70,078 residential building permits were issued, a decrease of 12.7 per cent from the previous year's total. Of this total, single dwellings accounted for 37.9 per cent; apartments, 36.0 per cent; double dwellings, 11.7 per cent; row housing, 12.4 per cent; and others, 2.0 per cent.

The value of building permits in Ontario increased by 1.6 per cent, to \$4.2 billion, from 1977 to 1978. Of this total value of building permits, residential construction accounted for 58.9 per cent, industrial construction for 11.1 per cent, commercial construction for 22.9 per cent, and institutional and government construction for 7.1 per cent.

Dwelling Starts – In Ontario from 1977 to 1978, the number of dwelling starts decreased by 9.4 per cent to 71,710, the number of completions fell 0.4 per cent to 80,429 and the number of dwellings under construction fell 12.5 per cent to 66,106. Of the total number of dwelling starts in 1978, single detached accounted for 39.0 per cent, semi-detached and duplexes for 12.0 per cent, row for 12.7 per cent, and apartment and others for 36.4 per cent.

Definitions

Capital Expenditures – Include the cost of procuring, constructing and installing new durable plant and machinery, whether for replacement of worn or obsolete assets, or as gross additions to existing assets. Included are all capitalized costs such as architectural, legal and engineering fees, as well as the value of work on capital assets undertaken by firms with their own labour force. Gross outlays are reported without any deduction for scrap or trade-in value of old assets. Excluded are expenditures made for the acquisition of previously existing structures, for used machinery and equipment unless imported and for land since outlays of this type

involve only the transfer of property and not the creation of a capital asset. Housing is not generally considered a capital expenditure but it has been included because it forms a large proportion of construction expenditures and has cyclical fluctuations similar to those which characterize business, institutional and government capital expenditures.

Construction — As it pertains to investment, includes building construction and all types of engineering construction such as roads, dams, transmission lines and pipelines, as well as oil drilling and mine development.

Machinery and Equipment — Takes into account the purchase of all such items which are used either in producing goods or providing services but does not cover durable goods purchased for personal use. As well as industrial machinery, transportation equipment, agricultural implements, professional and scientific equipment, office and store furnishings and other similar capital goods are included. Excluded are outlays for defence equipment.

Repair Expenditures — Represent the non-capitalized outlays made to maintain the operating efficiency of the existing stock of durable physical assets. These repair and maintenance expenditures exclude, however, the routine care of assets such as in oiling and cleaning of machinery. Where the repair costs are large enough to materially lengthen the expected serviceable life of the assets, increase its capacity or otherwise raise its productivity, they are treated as capital expenditures on new construction or on new machinery and equipment.

NHA — National Housing Act.

CMHC — Central Mortgage and Housing Corporation.

Building Permit: is the permission or authorization in writing by the authority having jurisdiction to perform work regulated by a building Bylaw. Building permits values therefore represent the value of construction based on estimates provided by local governments issuing building permits and reporting to Statistics Canada. These estimates include the cost of putting up new buildings, additions to existing buildings and changes likely to affect the use or occupancy of a building. Other costs normally charged to capital costs such as architectural, legal, financial and engineering, are not included.

Residential — The classification for residential construction is intended to reflect the value of building permits or construction for new dwellings: single, seasonal, double, row, apartments and conversions; and for alterations and improvements to existing dwellings: additions, structural changes, residential garages and swimming pools, and other improvements to existing dwellings.

Industrial — Includes buildings used for: manufacturing and processing, transportation, communication and other utilities and agriculture, forestry, mine and mine mill buildings.

Commercial — Includes stores, warehouses, garages, office buildings, theatres, hotels, funeral parlours, beauty salons and miscellaneous commercial: signs, posters, heating and plumbing installations, etc.

Institutional and Government — Includes expenditures made by the community, public and government for buildings and structures — schools, universities, hospitals, clinics, churches, homes for the aged, government offices and administration buildings, law enforcement, public protection, national defence, and ancillary buildings such as dormitories, residences, church rectories, gymnasiums, heating plants, and laundries and cafeterias for hospitals, schools and universities.

Dwelling Unit — A structurally separate set of self-contained living premises with a private entrance from outside the building or from a common hall, lobby or stairway inside the building. Such an entrance must be one that can be used without passing through another separate dwelling unit.

Double Dwellings — Structures containing two dwelling units such as duplexes and semi-detached.

Row Dwellings — Are one-family dwellings in a structure of three or more attached dwellings.

Apartments — Refer to dwellings contained in structures with three or more units such as triplexes, quadruplexes, row duplexes and apartment buildings proper. Flats, regardless of number, which are part of a non-residential structure are also included.

Single-detached (Single Dwelling) — A building containing only one dwelling unit which is completely separated on all sides from any other dwelling or structure.

Semi-detached — One of two dwellings located side-by-side in a building adjoining no other structure and separated by a common or party wall extending from ground to roof.

Duplex – One of two dwelling units located one above the other in a building adjoining no other structure.

Conversions – Consist of dwelling units added by modification of existing structures.

Start – The beginning of construction work on a building, usually when the concrete has been poured for the whole of the footing around the structure, or an equivalent stage where a basement will not be part of the structure.

Completion – The stage at which all the proposed construction work on a dwelling unit has been performed. Under some circumstances a dwelling may be counted as completed when no more than 10 per cent of the proposed work remains to be done.

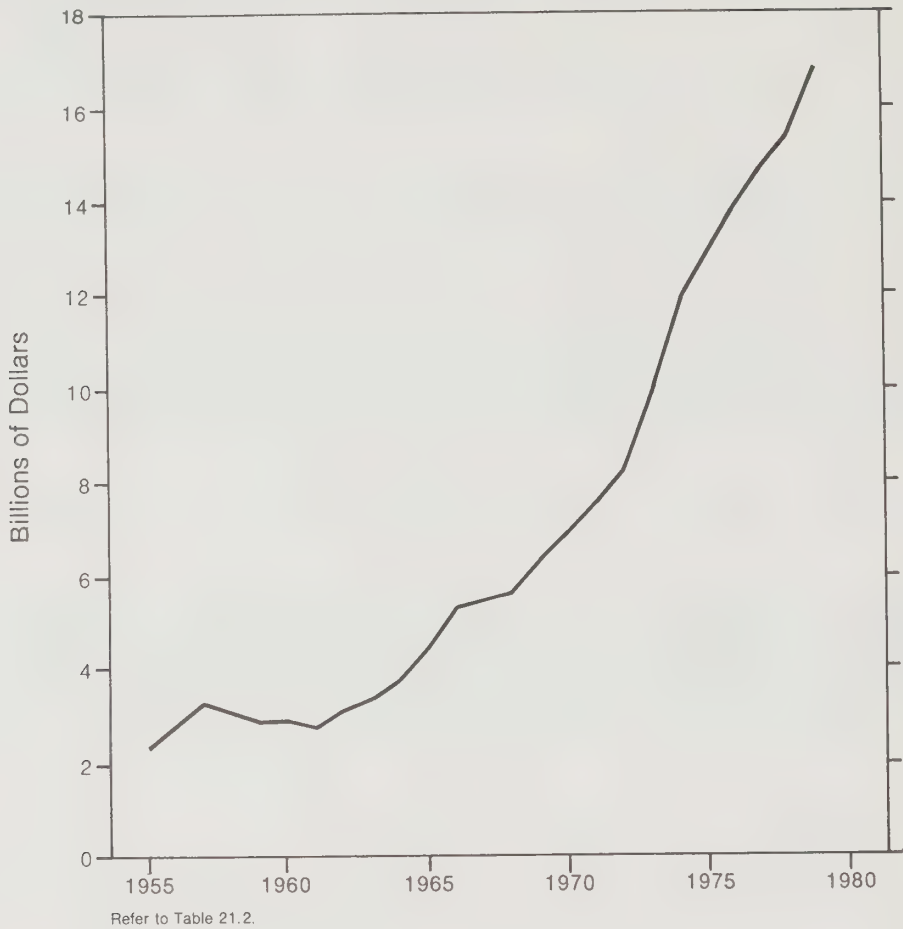
Assisted Home-Ownership – Refers to lending programmes which commenced with the innovative programme in 1970 whereby favourable amortization and interest rates were granted to low income mortgage applicants as an aid in home-ownership. In July 1973, a revised programme was introduced which provided in addition to interest assistance, a federal subsidy of up to \$300 per annum. This was extended to \$600 per annum in July, 1974. In 1976, the Interest Reduction Loan was introduced to the amount equalling the difference between the actual interest rate of the approved lender and 8%. In addition, both a federal subsidy and a provincial subsidy amounting to \$750 annually each are available in special circumstances.

Co-operative Housing – Housing erected by non-profit co-operatives such as church groups, service clubs and neighbourhood groups of which 80 per cent of the dwellings must be owned by shareholders or members of the group.

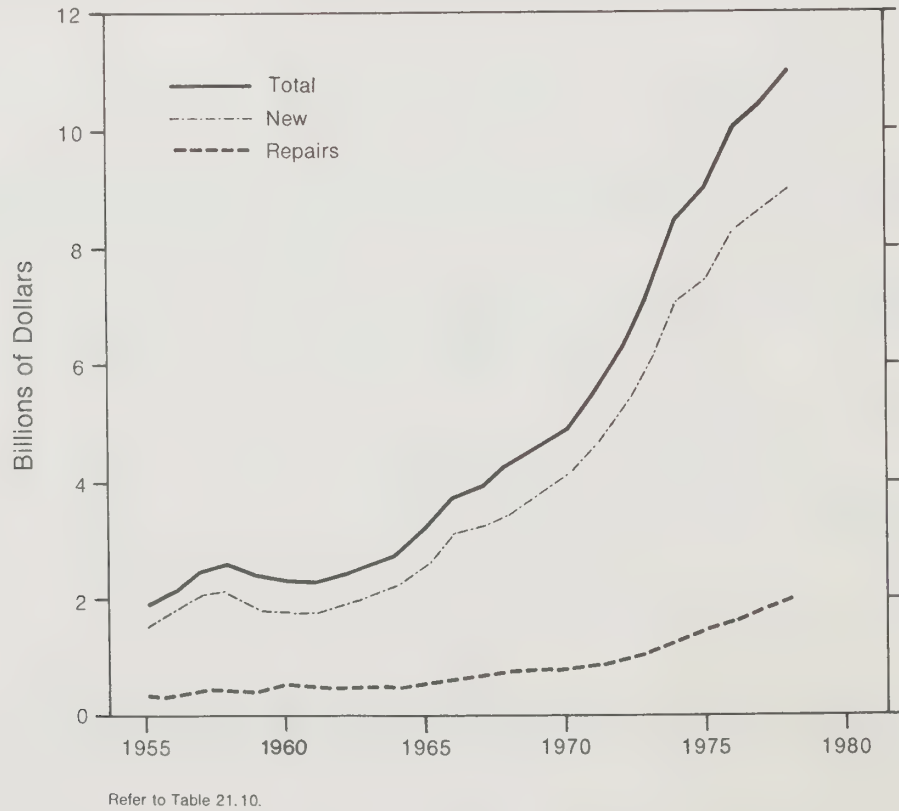
Non-Profit Housing – Church groups, service clubs and neighbourhood groups building non-profit rental housing for families and individuals whose incomes are inadequate to meet current rentals on the open market.

Entrepreneur – Businesses building non-profit rental housing for families and individuals whose incomes are inadequate to meet current rentals on the open market.

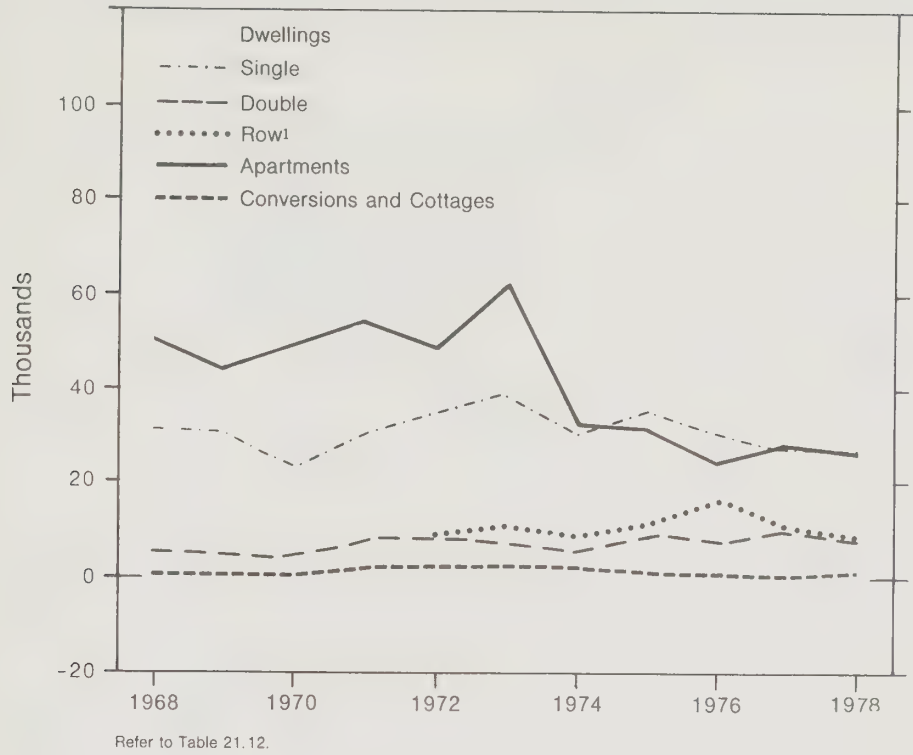
Graph 21.A
Private and Public Investment, All Sectors, Ontario, 1955-1979



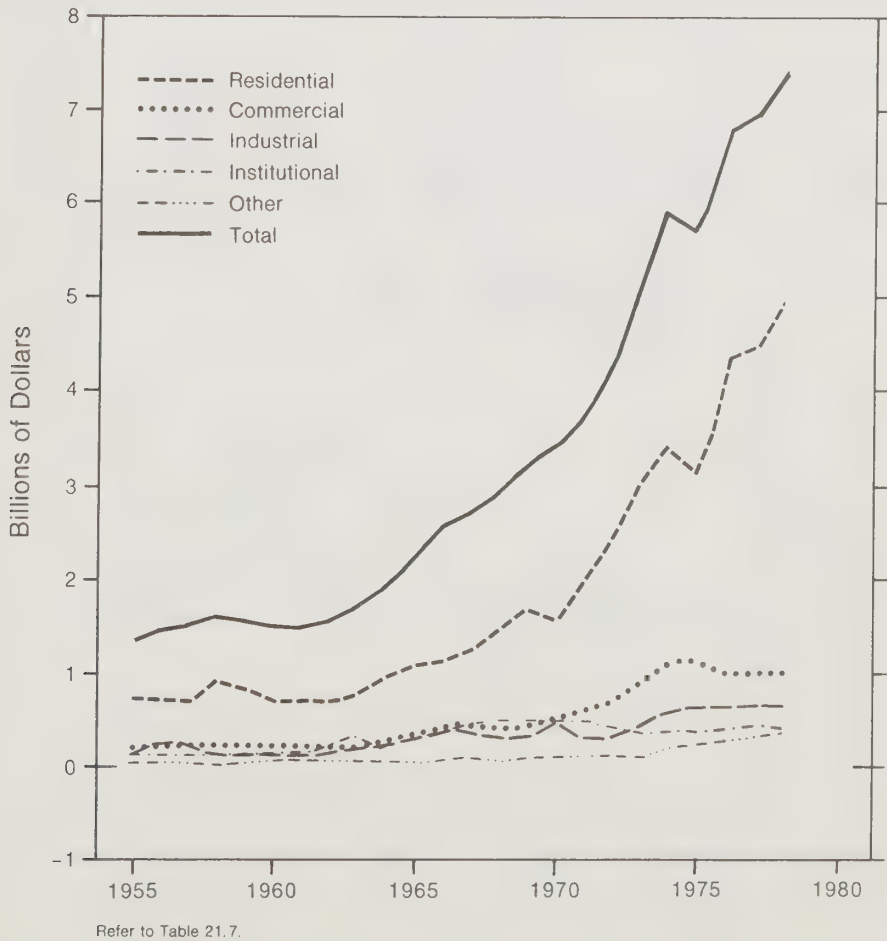
Graph 21.B
Total Value of Construction Work Performed, Ontario, 1955-1978



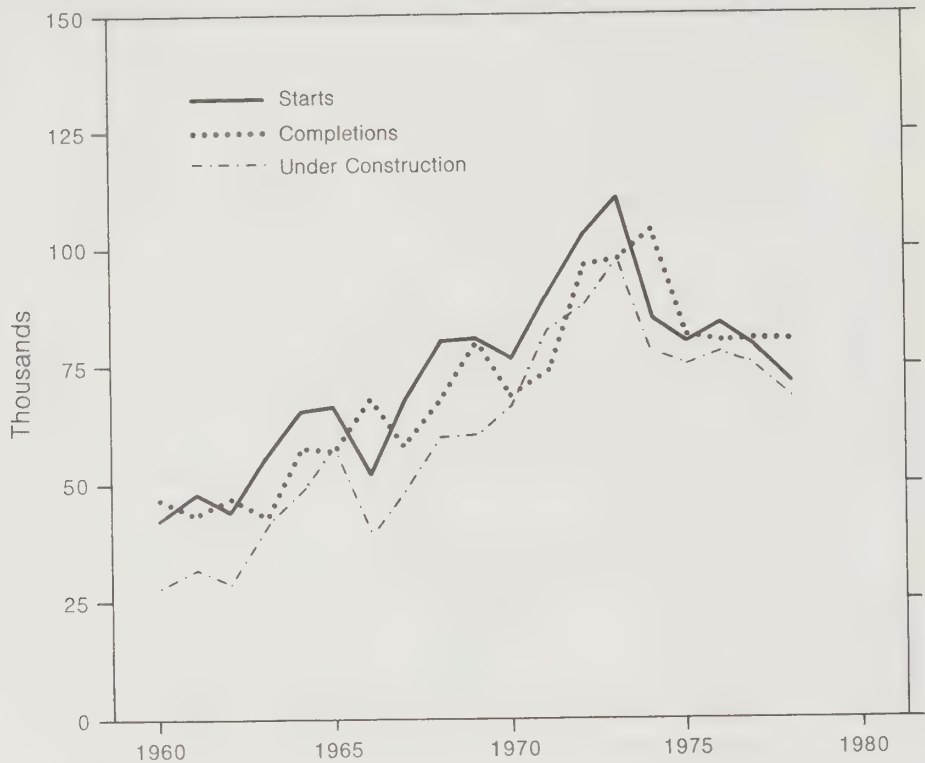
Graph 21.C
Number of Building Permits Issued, Ontario, 1968-1978



Graph 21.D
Total Value of Building Construction by Type of Structure, Ontario, 1955-1978

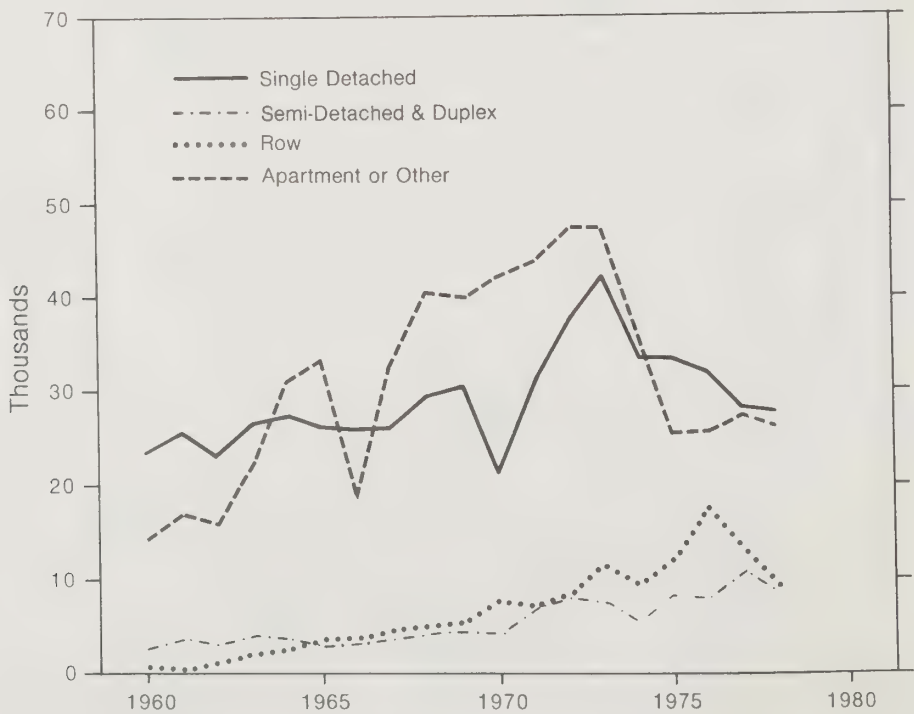


Graph 21.E
Number of Dwellings Started, Completed and Under Construction, Ontario, 1960-1978



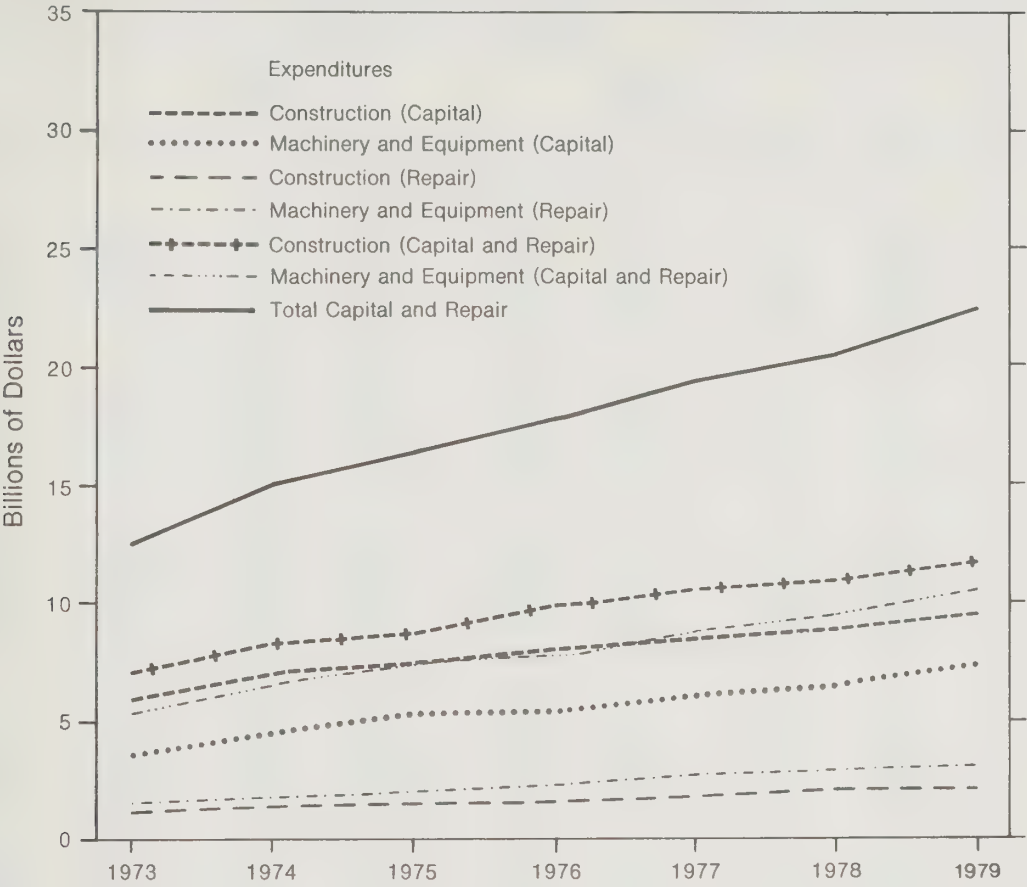
Refer to Table 21.13.

Graph 21.F
Dwelling Starts by Type, Ontario, 1960-1978



Refer to Table 21.14.

Graph 21.G
Capital and Repair Expenditures by Type, Ontario, 1973-1979



Refer to Table 21.3.

Table 21.1
Private and Public Investment, Canada and Ontario, 1950–1979¹

	Construction			New Machinery and Equipment			Total New Capital		
	Canada	Ontario	Ontario as % of Canada	Canada	Ontario	Ontario as % of Canada	Canada	Ontario	Ontario as % of Canada
Capital Expenditures – \$ Million									
1950	2,453	895	36.5	1,483	524	35.3	3,823	1,419	37.1
1951	2,871	1,023	35.6	1,868	717	38.4	4,408	1,740	39.5
1952	3,434	1,137	33.1	2,057	762	37.0	5,491	1,899	34.6
1953	3,756	1,276	34.0	2,220	830	37.4	5,976	2,106	35.2
1954	3,818	1,317	34.5	1,984	772	38.9	5,802	2,089	36.0
1955	4,456	1,486	33.3	2,075	785	37.8	6,531	2,271	34.8
1956	5,435	1,788	32.9	2,761	1,054	38.2	8,196	2,842	34.7
1957	5,880	2,067	35.2	2,933	1,199	40.9	8,813	3,266	37.1
1958	5,954	2,144	36.0	2,534	960	37.9	8,488	3,104	36.6
1959	5,792	1,904	32.9	2,708	966	36.8	8,500	2,900	34.1
1960	5,519	1,828	33.1	2,809	1,028	36.6	8,328	2,856	34.3
1961	5,630	1,794	31.9	2,662	1,000	37.7	8,292	2,794	33.7
1962	5,834	1,936	33.2	2,935	1,118	38.1	8,769	3,054	34.8
1963	6,156	2,088	33.9	3,242	1,194	36.8	9,398	3,282	34.9
1964	7,032	2,249	32.0	3,948	1,498	37.9	10,980	3,747	34.1
1965	8,175	2,533	31.0	4,760	1,846	38.8	12,935	4,378	33.8
1966	9,281	3,088	33.2	5,807	2,173	37.4	15,088	5,261	34.9
1967	9,474	3,173	33.5	5,874	2,185	37.2	15,348	5,357	34.9
1968	9,909	3,485	35.2	5,546	2,094	37.7	15,455	5,579	36.1
1969	10,824	3,825	35.3	6,103	2,482	40.7	16,927	6,308	37.3
1970	11,319	4,127	36.5	6,479	2,801	43.2	17,798	6,928	38.9
1971	13,274	4,662	35.1	6,910	2,798	40.5	20,184	7,460	37.0
1972	14,470	5,253	36.3	7,748	2,984	38.5	22,218	8,237	37.1
1973	16,953	5,981	35.3	9,666	3,734	38.6	26,618	9,715	36.5
1974	20,771	7,088	34.1	12,111	4,728	39.0	32,882	11,816	35.9
1975	24,055	7,493	31.1	14,162	5,428	38.3	38,216	12,920	33.8
1976	28,144	8,370	29.7	15,492	5,578	36.0	43,636	13,948	32.0
1977 ¹	30,130	8,725	29.0	16,467	6,008	36.5	46,598	14,732	31.6
1978 ^p	32,261	8,864	27.5	17,978	6,513	36.2	50,238	15,376	30.6
1979	34,816	9,518	27.3	19,907	7,405	37.2	54,723	16,923	30.9

¹) Preliminary actual 1978, intentions 1979.

Source: SC, *Private and Public Investment in Canada*.

Table 21.2
Private and Public Investment by Sector, Ontario, 1950–1979¹

	Primary Industries and Construction			Manufacturing			Utilities		
	Const.	New Mach.	Total	Const.	New Mach.	Total	Const.	New Mach.	Total
Capital Expenditures - \$ Million									
1950	45	152	197	56	162	218	201	114	315
1951	44	168	212	138	257	395	188	173	361
1952	44	145	189	158	319	477	220	177	397
1953	45	149	194	169	330	499	235	209	444
1954	66	138	204	124	292	416	198	195	393
1955	75	184	259	121	291	412	188	159	347
1956	144	230	374	189	441	630	284	217	501
1957	182	238	420	219	456	675	460	325	785
1958	83	184	267	159	344	503	506	256	762
1959	67	171	238	132	371	503	322	267	589
1960	64	169	233	147	408	555	315	241	556
1961	70	155	225	125	409	534	291	227	518
1962	76	157	233	175	473	648	280	241	520
1963	87	186	273	170	497	667	308	259	567
1964	82	222	304	205	700	905	329	284	613
1965	106	254	360	280	902	1,182	310	380	690
1966	197	308	506	389	1,031	1,420	410	425	836
1967	195	342	537	315	895	1,210	400	494	894
1968	173	326	499	258	742	1,000	473	557	1,031
1969	161	344	505	314	943	1,256	513	638	1,151
1970	214	357	570	440	1,185	1,625	649	685	1,334
1971	213	394	607	312	1,020	1,332	763	791	1,554
1972	215	443	658	314	1,027	1,341	822	764	1,586
1973	229	493	721	372	1,263	1,635	773	1,033	1,806
1974	294	604	898	570	1,683	2,252 ^r	902	1,225	2,127
1975	348	704	1,051	738	2,123	2,861	1,313	1,368	2,681
1976	409	802	1,211	830	2,186	3,016	1,047	1,328	2,374
1977 ^r	430	852	1,282	950	2,409	3,359	1,102	1,311	2,413
1978 ^p	420	882	1,302	858	2,296	3,154	1,258	1,722	2,980
1979	462	942	1,404	786	2,562	3,347	1,348	2,136	3,484

Table 21.2 (cont'd)
Private and Public Investment by Sector, Ontario, 1950–1979¹

	Trade, Finance and Commercial Services			Housing	Institutions and Government Depts.			Total		
	Const.	New Mach.	Total		Total ²	Const.	New Mach.	Total	Const.	New Mach.	Total
Capital Expenditures - \$ Million										
1950	91	76	167	318	184	21	205	895	524	1,419
1951	86	89	175	333	234	30	264	1,023	717	1,740
1952	64	73	137	310	341	49	390	1,137	762	1,899
1953	121	97	218	400	305	45	350	1,276	830	2,106
1954	146	109	255	485	298	38	336	1,317	772	2,089
1955	143	118	261	606	353	34	387	1,486	785	2,271
1956	147	124	271	602	424	42	466	1,788	1,054	2,842
1957	169	140	309	559	478	40	518	2,067	1,199	3,266
1958	162	123	285	718	516	53	569	2,144	960	3,104
1959	163	134	297	663	558	53	611	1,904	996	2,900
1960	169	150	319	551	581	59	640	1,828	1,028	2,856
1961	165	148	313	543	599	61	660	1,794	1,000	2,794
1962	163	164	328	562	679	83	763	1,936	1,118	3,054
1963	161	170	331	599	763	82	845	2,088	1,194	3,282
1964	205	195	399	774	655	98	752	2,249	1,498	3,747
1965	248	212	460	803	786	98	884	2,533	1,846	4,378
1966	280	270	551	876	935	137	1,073	3,088	2,173	5,261
1967	307	310	617	921	1,035	144	1,179	3,173	2,185	5,357
1968	285	308	593	1,184	1,111	159	1,271	3,484	2,094	5,579
1969	296	410	706	1,425	1,116	148	1,264	3,825	2,482	6,308
1970	388	424	811	1,287	1,150	150	1,300	4,127	2,801	6,928
1971	469	416	884	1,642	1,263	179	1,441	4,662	2,798	7,460
1972	564	547	1,111	2,037	1,302	202	1,504	5,253	2,984	8,237
1973	749	711	1,460	2,577	1,282	234	1,516	5,981	3,734	9,715
1974	884	898	1,782	2,872	1,566	319	1,885	7,088	4,728	11,816
1975	864	907	1,771	2,554	1,677	327	2,003	7,493	5,428	12,920
1976	868	940	1,808	3,611	1,605	324	1,929	8,370	5,578	13,948
1977 ^r	864	1,070	1,935	3,746	1,632	365	1,997	8,725	6,008	14,732
1978 ^p	937	1,256	2,193	3,680	1,711	357	2,068	8,864	6,513	15,376
1979	1,053	1,448	2,502	4,055	1,815	317	2,132	9,518	7,405	16,923

1) Preliminary actual 1978, intentions 1979.
2) The housing category consists of construction only.
Source: SC, *Private and Public Investment in Canada*.

Table 21.3
Capital and Repair Investment by Type, by Province, Canada, 1973–1979¹

		Capital Expenditures		Repair Expenditures		Capital and Repair Expenditures		
		Construc- tion	Machinery and Equipment ²	Construc- tion	Machinery and Equipment	Construc- tion	Machinery and Equipment ²	Total
\$ Million								
Canada	1973	16,952.6	9,665.5	3,216.9	4,390.8	20,169.5	14,056.3	34,225.8
	1974	20,771.8	12,111.1	3,919.4	5,269.9	24,690.5	17,381.0	42,071.5
	1975	24,054.5	14,161.7	4,320.0	5,835.2	28,374.5	19,996.9	48,371.4
	1976	28,144.1	15,492.2	4,984.7	6,790.5	33,128.8	22,282.7	55,411.5
	1977 ^r	30,130.2	16,467.3	5,673.5	7,496.3	35,803.7	23,963.6	59,767.3
	1978 ^p	32,260.7	17,977.5	6,124.4	8,021.0	38,385.1	25,998.5	64,383.6
	1979	34,815.9	19,907.1	6,699.0	8,640.7	41,514.9	28,547.8	70,062.7
Ontario	1973	5,980.9	3,733.6	1,154.1	1,686.2	7,135.0	5,419.8	12,554.8
	1974	7,087.7	4,728.0	1,413.3	1,957.9	8,501.0	6,685.9	15,186.9
	1975	7,492.5	5,427.8	1,496.0	2,138.5	8,988.5	7,566.3	16,554.8
	1976	8,370.0	5,578.2	1,695.8	2,484.7	10,065.8	8,062.9	18,128.7
	1977 ^r	8,724.5	6,007.7	1,889.0	2,788.7	10,613.5	8,796.4	19,409.9
	1978 ^p	8,863.6	6,512.7	2,050.9	2,985.0	10,914.5	9,497.7	20,412.2
	1979	9,518.1	7,405.3	2,240.2	3,223.7	11,758.3	10,629.0	22,387.3
Newfoundland	1973	441.3	193.0	56.5	117.0	497.8	310.0	807.8
	1974	519.8	178.3	86.8	153.4	606.6	331.7	938.3
	1975	527.7	186.5	88.9	165.8	616.6	352.3	968.9
	1976	636.3	192.9	96.7	205.7	733.0	398.6	1,131.6
	1977 ^r	511.7	200.1	111.5	197.3	623.2	397.4	1,020.6
	1978 ^p	554.2	225.2	109.8	173.9	664.0	399.1	1,063.1
	1979	714.4	293.6	123.7	205.2	838.1	498.8	1,336.9
Prince Edward Island	1973	97.9	26.0	17.4	9.4	115.3	35.4	150.7
	1974	84.3	34.0	19.4	10.5	103.7	44.5	148.2
	1975	82.9	34.8	24.5	12.5	107.4	47.3	154.7
	1976	73.6	37.7	26.5	18.0	100.1	55.7	155.8
	1977 ^r	86.0	44.5	32.6	16.5	118.6	61.0	179.6
	1978 ^p	118.4	45.8	26.4	18.8	144.8	64.6	209.4
	1979	122.3	48.6	28.4	19.7	150.7	68.3	219.0
Nova Scotia	1973	517.8	307.3	103.0	116.0	620.8	423.3	1,044.1
	1974	586.6	306.3	124.1	137.8	710.7	444.1	1,154.8
	1975	636.5	285.1	127.9	144.5	764.4	429.6	1,194.0
	1976	728.6	312.7	145.1	169.2	873.7	481.9	1,355.6
	1977 ^r	726.8	313.7	187.9	181.4	914.7	495.1	1,409.8
	1978 ^p	799.2	404.1	216.6	203.3	1,015.8	607.4	1,623.2
	1979	844.0	412.9	222.8	216.1	1,066.8	629.0	1,695.8
New Brunswick	1973	427.1	208.9	90.2	94.0	517.3	302.9	820.2
	1974	649.7	326.1	105.1	116.9	754.8	443.0	1,197.8
	1975	727.1	432.2	101.4	134.6	828.5	566.8	1,395.3
	1976	766.4	410.3	126.0	155.5	892.4	565.8	1,458.2
	1977 ^r	737.5	417.4	136.4	152.9	873.9	570.3	1,444.2
	1978 ^p	783.7	489.2	138.1	178.6	921.8	667.8	1,589.6
	1979	824.7	501.3	152.8	194.9	977.5	696.2	1,673.7

Table 21.3 (cont'd)

Capital and Repair Investment by Type, by Province, Canada, 1973-1979¹

		Capital Expenditures		Repair Expenditures		Capital and Repair Expenditures		
		Construc- tion	Machinery and Equipment ²	Construc- tion	Machinery and Equipment	Construc- tion	Machinery and Equipment ²	Total
\$ Million								
Québec	1973	3,713.4	2,113.1	659.4	951.4	4,372.8	3,064.5	7,437.3
	1974	4,747.3	2,650.9	851.0	1,172.4	5,598.3	3,823.3	9,421.6
	1975	6,119.2	3,051.2	992.1	1,280.3	7,111.3	4,331.5	11,442.8
	1976	6,746.1	3,066.9	1,157.2	1,508.5	7,903.3	4,575.4	12,478.7
	1977 ^r	7,237.2	3,465.1	1,353.1	1,620.2	8,590.3	5,085.3	13,675.6
	1978 ^p	7,272.3	3,723.1	1,463.9	1,677.3	8,736.2	5,400.4	14,136.6
	1979	7,583.3	4,060.9	1,615.9	1,801.0	9,199.2	5,861.9	15,061.1
Manitoba	1973	735.6	407.4	153.1	172.7	888.7	580.1	1,468.8
	1974	807.8	571.6	173.9	205.7	981.7	777.3	1,759.0
	1975	823.1	698.0	189.2	262.7	1,012.3	960.7	1,973.0
	1976	1,054.4	758.0	232.9	284.4	1,287.3	1,042.4	2,329.7
	1977 ^r	1,148.9	748.4	248.8	309.8	1,397.7	1,058.2	2,455.9
	1978 ^p	1,269.0	789.9	263.3	329.7	1,532.3	1,119.6	2,651.9
	1979	1,253.6	820.2	292.5	350.5	1,546.1	1,170.7	2,716.8
Saskatchewan	1973	523.9	455.1	175.9	200.0	699.8	655.1	1,354.9
	1974	681.4	580.3	176.3	249.1	857.7	829.4	1,687.1
	1975	922.9	856.9	207.5	273.7	1,130.4	1,130.6	2,261.0
	1976	1,197.0	982.8	224.0	303.4	1,421.0	1,286.2	2,707.2
	1977 ^r	1,314.1	955.2	250.1	325.2	1,564.2	1,280.4	2,844.6
	1978 ^p	1,392.2	1,055.1	271.0	358.0	1,663.2	1,408.1	3,071.3
	1979	1,546.9	1,110.2	293.8	381.6	1,840.7	1,491.8	3,332.5
Alberta	1973	1,942.6	988.7	391.2	345.2	2,333.8	1,333.9	3,667.7
	1974	2,506.3	1,324.4	455.0	420.5	2,961.3	1,744.9	4,706.2
	1975	3,395.3	1,611.7	525.3	520.4	3,920.6	2,132.1	6,052.7
	1976	4,558.6	2,443.9	638.9	612.6	5,197.5	3,056.5	8,254.0
	1977 ^r	5,395.1	2,430.7	729.4	738.3	6,124.5	3,169.0	9,293.5
	1978 ^p	6,580.6	2,679.5	807.2	848.1	7,387.8	3,527.6	10,915.4
	1979	7,430.9	2,892.3	885.3	921.1	8,316.2	3,813.4	12,129.6
British Columbia	1973	2,276.3	1,156.4	402.5	671.1	2,678.8	1,827.5	4,506.3
	1974	2,735.8	1,359.8	490.0	815.1	3,225.8	2,174.9	5,400.7
	1975	2,996.9	1,426.1	543.1	857.5	3,540.0	2,283.6	5,823.6
	1976	3,647.1	1,549.8	613.4	996.3	4,260.5	2,546.1	6,806.6
	1977 ^r	3,784.7	1,808.6	708.0	1,121.4	4,492.7	2,930.0	7,422.7
	1978 ^p	4,225.6	1,950.4	750.8	1,199.3	4,976.4	3,149.7	8,126.1
	1979	4,555.6	2,221.9	816.6	1,277.1	5,372.2	3,499.0	8,871.2
Yukon and Northwest Territories	1973	295.8	76.0	13.6	27.8	309.4	103.8	413.2
	1974	364.4	51.4	24.5	30.6	388.9	82.0	470.9
	1975	330.4	151.4	24.1	44.7	354.5	196.1	550.6
	1976	366.0	159.0	28.2	52.2	394.2	211.2	605.4
	1977 ^r	463.7	75.9	26.7	44.6	490.4	120.5	610.9
	1978 ^p	401.9	107.5	26.4	49.0	428.3	156.5	584.8
	1979	422.1	139.9	27.0	49.8	449.1	189.7	638.8

1) Preliminary actual 1978, intentions 1979.

2) Capital expenditures on machinery and equipment include an estimate for capital items charged to operating expenses in the manufacturing, utilities and trade totals.

Source: SC, *Private and Public Investment in Canada*.

Table 21.4
Capital and Repair Investment by Sector, Canada and Ontario, 1973–1979¹

		Capital Expenditures		Repair Expenditures		Capital and repair Expenditures		
		Construc- tion	Machinery and Equipment ²	Construc- tion	Machinery and Equipment	Construc- tion	Machinery and Equipment ²	Total
\$ Million								
Canada								
Agriculture and fishing	1973	346.3	1,247.3	134.7	323.0	481.0	1,570.3	2,051.3
	1974	433.1	1,533.0	171.8	366.3	604.9	1,99.3	2,504.2
	1975	479.6	1,968.2	190.2	392.3	669.8	2,360.5	3,030.3
	1976	527.0	2,348.4	215.4	425.7	742.4	2,774.1	3,516.5
	1977 ^r	607.4	2,388.9	245.2	449.7	852.6	2,838.6	3,691.2
	1978 ^p	718.6	2,772.5	288.9	506.0	1,007.5	3,278.5	4,286.0
	1979	807.1	2,969.9	319.9	550.8	1,127.0	3,520.7	4,647.7
Forestry	1973	76.4	103.0	27.3	95.3	103.7	198.3	302.0
	1974	98.2	145.4	35.2	112.6	133.4	258.0	391.4
	1975	90.9	104.6	33.2	130.4	124.1	235.0	359.1
	1976	89.0	97.8	46.1	149.1	135.1	246.9	382.0
	1977 ^r	105.0	115.5	45.2	173.8	150.2	289.3	439.5
	1978 ^p	103.9	131.9	48.5	190.1	152.4	322.0	474.4
	1979	114.4	145.5	52.6	194.4	167.0	339.9	506.9
Mining, quarry and oil wells	1973	1,276.3	404.4	192.5	489.1	1,468.8	893.5	2,362.3
	1974	1,586.5	448.9	230.8	612.7	1,817.3	1,061.6	2,878.9
	1975	1,968.1	643.9	302.7	699.5	2,270.8	1,343.4	3,614.2
	1976	2,356.9	1,084.0	368.9	830.7	2,725.8	1,914.7	4,640.5
	1977 ^r	2,839.6	1,025.3	402.2	911.1	3,241.8	1,936.4	5,178.2
	1978 ^p	3,018.8	773.4	415.6	850.6	3,434.4	1,624.0	5,058.4
	1979	3,630.5	775.5	447.3	931.4	4,077.8	1,706.9	5,784.7
Construction industry	1973	57.1	347.0	13.7	306.0	70.8	653.0	723.8
	1974	66.0	401.0	15.9	354.1	81.9	755.5	837.4
	1975	80.2	488.2	19.4	430.4	99.6	918.6	1,018.2
	1976	121.3	637.6	16.8	487.0	138.1	1,124.6	1,262.7
	1977 ^r	131.2	689.1	18.2	526.4	149.4	1,215.5	1,364.9
	1978 ^p	141.7	745.4	19.6	572.6	161.3	1,318.0	1,479.3
	1979	152.3	800.5	21.9	630.2	174.2	1,430.7	1,604.9
Manufacturing	1973	985.8	2,682.2	275.8	1,642.9	1,261.6	4,325.1	5,586.7
	1974	1,425.3	3,524.6	344.4	1,965.8	1,769.7	5,490.4	7,260.1
	1975	1,568.5	3,952.9	381.0	2,064.1	1,949.5	6,017.0	7,966.5
	1976	1,439.7	4,025.6	438.2	2,453.2	1,877.9	6,478.8	8,356.7
	1977 ^r	1,658.9	4,421.8	530.5	2,685.3	2,189.4	7,107.1	9,296.5
	1978 ^p	1,674.7	4,565.1	545.2	2,836.5	2,219.4	7,401.6	9,621.5
	1979	1,630.0	5,167.9	595.6	3,029.5	2,225.6	8,197.4	10,423.0
Utilities	1973	2,672.6	2,484.2	498.2	1,119.0	3,170.8	3,603.2	6,774.0
	1974	3,153.8	3,086.8	617.4	1,384.8	3,771.2	4,471.6	8,242.8
	1975	4,402.9	3,629.9	697.4	1,531.6	5,100.3	5,161.5	10,261.8
	1976	4,425.8	3,828.4	800.1	1,78.0	5,225.9	5,616.4	10,842.3
	1977 ^r	5,073.4	4,114.5	904.5	2,043.8	5,977.9	6,158.3	12,136.2
	1978 ^p	5,791.2	4,909.8	991.1	2,286.6	6,782.3	7,196.4	13,978.7
	1979	6,332.5	5,419.5	1,101.2	2,468.9	7,433.7	7,888.4	15,322.2
Trade	1973	286.7	514.5	77.1	89.3	363.8	603.8	967.6
	1974	391.6	588.5	91.0	113.4	482.6	701.9	1,184.5
	1975	350.9	644.7	97.6	136.4	448.5	781.1	1,229.6
	1976	385.9	742.5	131.5	160.6	517.4	903.1	1,422.8
	1977 ^r	362.9	757.8	124.1	178.0	487.0	935.8	1,422.8
	1978 ^p	350.1	755.8	121.5	175.4	471.6	931.2	1,402.8
	1979	368.9	829.0	122.6	184.6	491.5	1,013.6	1,505.1

Table 21.4 (cont'd)
Capital and Repair Investment by Sector, Canada and Ontario, 1973–1979¹

		Capital Expenditures		Repair Expenditures		Capital and repair Expenditures		
		Construc- tion	Machinery and Equipment ²	Construc- tion	Machinery and Equipment	Construc- tion	Machinery and Equipment ²	Total
\$ Million								
Finance	1973	1,093.5	144.6	66.3	22.5	1,159.8	167.1	1,326.9
	1974	1,337.0	208.0	88.8	29.3	1,425.8	237.3	1,663.1
	1975	1,559.9	195.0	93.8	36.4	1,653.7	231.4	1,885.1
	1976	1,734.3	261.3	116.0	36.9	1,850.3F	298.2	2,148.5
	1977 ^r	1,882.5	244.3	125.9	40.8	2,008.4	285.1	2,293.5
	1978 ^p	2,104.2	291.8	149.0	79.8	2,253.2	371.6	2,624.8
	1979	2,409.2	313.0	170.1	88.6	2,579.3	401.6	2,980.9
Commercial services	1973	305.0	1,100.2	30.4	133.9	335.4	1,234.1	1,569.5
	1974	455.4	1,348.7	37.3	149.8	492.7	1,498.5	1,991.2
	1975	857.2	1,608.1	39.5	187.2	896.7	1,795.3	2,692.0
	1976	604.1	1,541.9	44.5	234.2	648.6	1,776.1	2,424.7
	1977 ^r	359.5	1,727.6	51.4	255.0	410.9	1,982.6	2,393.5
	1978 ^p	400.0	2,005.3	63.3	264.0	463.3	2,269.3	2,732.6
	1979	502.2	2,497.2	68.3	287.8	570.5	2,785.0	3,355.5
Institutions	1973	913.6	228.0	134.7	40.0	1,048.3	268.0	1,316.3
	1974	1,063.5	274.6	154.9	43.6	1,218.4	318.2	1,536.2
	1975	1,190.6	293.4	163.8	60.3	1,354.4	353.7	1,708.1
	1976	1,167.8	317.3	187.6	68.4	1,355.4	385.7	1,741.1
	1977 ^r	1,179.7	334.5	238.3	74.4	1,418.0	408.9	1,826.9
	1978 ^p	1,190.8	360.7	234.4	91.6	1,425.2	452.3	1,877.5
	1979	1,395.7	387.6	243.6	95.0	1,639.3	482.6	2,121.9
Government departments	1973	2,961.8	410.1	578.4	129.8	3,540.2	539.9	4,080.1
	1974	3,750.6	551.2	681.3	137.5	4,431.9	688.7	5,120.6
	1975	4,391.8	632.8	725.8	166.6	5,117.6	799.4	5,917.0
	1976	4,439.7	607.4	802.9	156.7	5,242.6	764.1	6,006.7
	1977 ^r	4,865.3	648.0	927.0	158.0	5,792.3	806.0	6,598.3
	1978 ^p	5,391.8	665.8	914.7	167.8	6,306.5	833.6	7,140.1
	1979	5,758.3	601.5	923.4	179.5	6,681.7	781.0	7,462.7
Housing	1973	5,977.5	-	1,187.8	-	7,165.3	-	7,165.3
	1974	7,010.1	-	1,450.6	-	8,460.7	-	8,460.7
	1975	7,113.9	-	1,575.6	-	8,689.5	-	8,689.5
	1976	10,852.6	-	1,816.7	-	12,669.3	-	12,669.3
	1977 ^r	11,064.8	-	2,061.0	-	13,125.8	-	13,125.8
	1978 ^p	11,374.9	-	2,332.6	-	13,707.5	-	13,707.5
	1979	11,714.8	-	2,632.5	-	14,347.3	-	14,347.3
Total	1973	16,952.6	9,665.5	3,216.9	4,390.8	20,169.5	14,056.3	34,225.8
	1974	20,771.1	12,111.1	3,919.4	5,269.9	24,690.5	17,381.0	42,071.5
	1975	24,054.5	14,161.7	4,320.0	5,835.2	28,374.5	19,996.9	48,371.4
	1976	28,144.1	15,492.2	4,984.7	6,790.5	33,128.8	22,282.7	55,411.5
	1977 ^r	30,130.2	16,467.3	5,673.5	7,496.3	35,803.7	23,963.6	59,767.3
	1978 ^p	32,260.7	17,977.5	6,124.4	8,021.0	38,385.1	25,998.5	64,383.6
	1979	34,815.9	19,907.1	6,699.0	8,640.7	41,514.9	28,547.8	70,062.7

Table 21.4 (cont'd)

Capital and Repair Investment by Sector, Canada and Ontario, 1973-1979¹

		Capital Expenditures		Repair Expenditures		Capital and Repair Expenditures		Total
		Construc- tion	Machinery and Equipment ²	Construc- tion	Machinery and Equipment	Construc- tion	Machinery and Equipment ²	
\$ Million								
Ontario								
Agriculture and fishing	1973	98.9	308.0	54.0	72.0	152.9	380.0	532.9
	1974	129.5	365.8	71.2	81.5	200.7	447.3	648.0
	1975	136.5	443.6	75.0	86.8	211.5	530.4	741.9
	1976	164.0	488.7	90.1	94.3	254.1	583.0	837.1
	1977 ^r	184.3	528.9	101.3	99.5	285.6	628.4	914.0
	1978 ^p	218.2	573.8	119.9	112.4	338.1	686.2	1,024.3
	1979	233.6	617.6	128.3	122.6	361.9	740.2	1,102.1
Forestry	1973	4.4	15.7	5.9	20.0	10.3	35.7	46.0
	1974	7.4	20.2	7.3	23.7	14.7	43.9	58.6
	1975	10.3	16.4	6.4	26.6	16.7	43.0	59.7
	1976	6.9	14.5	6.8	26.5	13.7	41.0	54.7
	1977 ^r	8.1	20.2	5.2	40.0	13.3	60.2	73.5
	1978 ^p	5.7	17.3	4.7	46.9	10.4	64.2	74.6
	1979	7.2	23.0	5.1	51.0	12.3	74.0	86.3
Mining, quarrying and oil wells	1973	105.0	46.4	20.8	116.2	125.8	162.6	288.4
	1974	132.9	73.0	19.3	123.2	152.2	196.2	348.4
	1975	175.3	89.1	27.1	142.2	202.4	231.3	433.7
	1976	209.6	112.9	29.3	184.3	238.9	297.2	536.1
	1977 ^r	198.9	98.5	26.8	195.7	225.7	294.2	519.9
	1978 ^p	156.0	83.0	24.3	143.1	180.3	226.1	406.4
	1979	178.8	79.4	27.6	148.0	206.4	227.4	433.8
Construction industry	1973	20.2	122.8	4.8	108.3	25.0	231.1	256.1
	1974	23.9	145.2	5.7	128.1	29.6	273.3	302.9
	1975	25.4	154.6	6.1	136.3	31.5	290.9	322.4
	1976	28.3	185.6	5.0	140.0	33.3	325.6	358.9
	1977 ^r	38.9	204.3	5.4	156.0	44.3	360.3	404.6
	1978 ^p	39.6	208.3	6.0	174.7	45.6	383.0	428.6
	1979	42.2	221.7	6.6	192.0	48.8	413.7	462.5
Manufacturing	1973	372.1	1,263.3	135.2	823.4	507.3	2,086.7	2,594.0
	1974	569.6	1,682.6	168.5	958.8	738.1	2,641.4	3,379.5
	1975	737.6	2,122.9	169.2	1,031.5	906.8	3,154.4	4,061.2
	1976	830.4	2,185.8	204.2	1,223.4	1,034.6	3,409.2	4,443.8
	1977 ^r	950.4	2,409.0	238.2	1,377.0	1,188.6	3,786.0	4,974.6
	1978 ^p	857.5	2,296.4	244.3	1,477.9	1,101.8	3,774.3	4,876.1
	1979	785.5	2,561.9	273.0	1,599.1	1,058.5	4,161.0	5,219.5
Utilities	1973	773.0	1,032.5	184.4	394.6	957.4	1,427.1	2,384.5
	1974	902.2	1,224.5	228.0	474.0	1,130.2	1,698.5	2,828.7
	1975	1,313.1	1,367.5	257.3	503.1	1,570.4	1,870.6	3,441.0
	1976	1,046.8	1,327.5	290.2	547.2	1,337.0	1,901.7	3,238.7
	1977 ^r	1,101.5	1,311.4	319.1	652.5	1,420.6	1,963.9	3,384.5
	1978 ^p	1,258.0	1,721.5	355.5	761.3	1,613.5	2,482.8	4,096.3
	1979	1,347.6	2,136.4	387.6	816.5	1,735.2	2,952.9	4,688.1
Trade	1973	114.4	228.3	28.8	40.4	143.2	268.7	411.9
	1974	139.4	245.5	34.0	49.3	173.4	294.8	468.2
	1975	107.0	230.4	40.1	60.3	147.1	290.7	437.8
	1976	132.3	259.1	48.3	70.6	180.6	329.7	510.3
	1977 ^r	126.5	267.8	43.7	79.1	170.2	346.9	517.1
	1978 ^p	119.2	330.1	43.2	78.9	162.4	409.0	571.4
	1979	104.0	316.2	44.8	82.8	148.8	399.0	547.8

Table 21.4 (cont'd)
Capital and Repair Investment by Sector, Canada and Ontario, 1973–1979¹

		Capital Expenditures		Repair Expenditures		Capital and repair Expenditures		
		Construc- tion	Machinery and Equipment ²	Construc- tion	Machinery and Equipment	Construc- tion	Machinery and Equipment ²	Total
\$ Million								
Finance	1973	533.5	72.4	29.2	10.9	562.7	83.3	646.0
	1974	610.1	101.6	41.2	13.2	651.3	114.8	766.1
	1975	648.3	83.7	41.0	16.9	689.3	100.6	789.9
	1976	653.9	92.5	50.1	15.1	704.0	107.6	811.6
	1977 ^r	658.6	97.2	49.3	16.9	707.9	114.1	822.0
	1978 ^p	718.3	129.7	51.2	18.8	769.5	148.5	918.0
	1979	785.0	135.7	57.3	21.2	842.3	156.9	999.2
Commercial services	1973	101.2	409.9	12.6	53.4	113.8	463.3	577.1
	1974	134.5	550.4	14.2	62.7	148.7	613.1	761.8
	1975	108.2	593.1	16.1	78.6	124.3	671.7	796.0
	1976	82.0	587.9	17.2	93.8	99.2	681.7	780.9
	1977 ^r	79.2	705.3	17.9	103.1	97.1	808.4	905.5
	1978 ^p	99.9	795.9	19.3	97.2	119.2	893.1	1,012.1
	1979	164.4	996.3	20.9	110.9	185.3	1,107.2	1,292.6
Institutions	1973	311.0	68.4	32.3	12.3	343.3	80.7	424.0
	1974	303.0	80.8	41.7	13.2	344.7	94.0	438.7
	1975	290.0	83.0	41.3	18.0	331.3	101.0	432.3
	1976	259.5	78.4	50.9	19.2	310.4	97.6	408.0
	1977 ^r	281.7	90.3	65.2	23.0	346.9	113.3	460.2
	1978 ^p	269.0	93.4	61.6	25.8	330.6	119.2	449.8
	1979	295.4	93.4	61.4	26.8	356.8	120.2	477.0
Government departments	1973	970.5	165.9	160.6	34.7	1,131.1	200.6	1,331.7
	1974	1,263.1	238.4	188.0	30.2	1,451.1	268.6	1,719.7
	1975	1,386.9	243.5	179.7	38.2	1,566.6	281.7	1,848.3
	1976	1,345.8	245.3	178.2	43.3	1,524.0	288.6	1,812.6
	1977 ^r	1,350.6	274.8	206.7	45.9	1,557.3	320.7	1,878.0
	1978 ^p	1,442.2	263.3	213.4	48.0	1,655.6	311.3	1,966.9
	1979	1,519.2	223.7	211.5	52.8	1,730.7	276.5	2,007.2
Housing	1973	2,576.7	—	485.5	—	3,062.2	—	3,062.2
	1974	2,872.1	—	594.2	—	3,466.3	—	3,466.3
	1975	2,553.9	—	636.7	—	3,190.6	—	3,190.6
	1976	3,610.5	—	725.5	—	4,336.0	—	4,336.0
	1977 ^r	3,745.8	—	810.2	—	4,556.0	—	4,556.0
	1978 ^p	3,680.0	—	907.5	—	4,587.5	—	4,587.5
	1979	4,055.2	—	1,016.1	—	5,071.3	—	5,071.3
Total	1973	5,980.9	3,733.6	1,154.1	1,686.2	7,135.0	5,419.8	12,554.8
	1974	7,087.7	4,728.0	1,413.3	1,957.9	8,501.0	6,685.9	15,186.9
	1975	7,492.5	5,427.8	1,496.0	2,138.5	8,988.5	7,566.3	16,554.8
	1976	8,370.0	5,578.2	1,695.8	2,484.7	10,065.8	8,796.4	19,409.2
	1977 ^r	8,724.5	6,007.7	1,889.0	2,788.7	10,613.5	8,796.4	19,409.9
	1978 ^p	8,863.6	6,512.7	2,050.9	2,985.0	10,914.5	9,497.7	20,412.2
	1979	9,518.1	7,405.3	2,240.2	3,223.7	11,758.3	10,629.0	22,387.3

1) Preliminary actual 1978, intentions 1979.

2) Capital expenditures on machinery and equipment include an estimate for capital items charge to operating expenses in the manufacturing, utilities and trade totals.

Source: SC, *Private and Public Investment in Canada*.

Table 21.5

Capital and Repair Investment in Manufacturing, by Selected Metropolitan Area, Canada and Ontario, 1973-1979¹

		Capital Expenditures		Repair Expenditures		Capital and Repair Expenditures		
		Construc- tion	Machinery and Equipment ²	Construc- tion	Machinery and Equipment	Construc- tion	Machinery and Equipment ²	Total
\$ Million								
t. John's	1973	1.2	3.9	0.3	1.0	1.5	4.9	6.4
	1974	2.8	7.7	0.3	1.3	3.1	9.0	12.1
	1975	2.6	7.4	0.4	1.9	3.0	9.3	12.3
	1976	1.1	3.1	0.4	2.4	1.5	5.5	7.0
	1977 ^r	3.0	4.9	0.6	3.2	3.6	8.1	11.7
	1978 ^p	1.9	5.3	0.8	3.5	2.7	8.8	11.5
	1979	2.8	5.6	0.8	3.4	3.6	9.0	12.6
alifax	1973	6.5	8.6	3.3	3.3	9.8	11.9	21.7
	1974	12.6	9.6	3.3	3.2	15.9	12.8	28.7
	1975	17.6	13.4	4.9	4.1	22.5	17.5	40.0
	1976	10.0	8.1	4.1	4.2	14.1	12.3	26.4
	1977 ^r	9.4	8.4	5.2	4.8	14.6	13.2	27.8
	1978 ^p	9.8	6.7	4.5	4.3	14.3	11.0	25.3
	1979	16.1	10.1	6.6	5.3	22.7	15.4	38.1
uébec	1973	12.0	17.8	1.9	13.5	13.9	31.3	45.2
	1974	6.9	20.3	2.5	10.3	9.4	30.6	40.0
	1975	7.2	18.4	3.0	11.2	10.2	29.6	39.8
	1976	8.7	17.1	4.1	13.0	12.8	30.1	42.9
	1977 ^r	8.2	22.0	4.6	14.3	12.8	36.3	49.1
	1978 ^p	9.8	37.3	5.0	14.5	14.8	51.8	66.6
	1979	9.5	36.4	5.2	15.0	14.7	51.4	66.1
ontréal	1973	106.5	286.1	40.5	145.9	147.0	432.0	579.0
	1974	143.8	361.4	49.1	171.7	192.9	533.1	726.0
	1975	114.1	322.0	59.7	200.2	173.8	522.2	696.0
	1976	104.8	281.5	68.0	200.2	172.8	481.7	654.5
	1977 ^r	108.5	305.8	86.7	220.5	195.2	526.3	721.5
	1978 ^p	106.4	297.0	91.0	222.6	197.4	519.6	717.0
	1979	157.8	380.8	98.0	231.8	255.8	612.6	868.4
tawa-Hull	1973	4.5	23.1	1.9	15.0	6.4	38.1	44.5
	1974	4.6	24.5	2.7	16.4	7.3	40.9	48.2
	1975	1.5	22.3	2.1	14.7	3.6	37.0	40.6
	1976	1.5	30.3	2.2	20.2	3.7	50.5	54.2
	1977 ^r	5.9	40.2	2.7	22.6	8.6	62.8	71.4
	1978 ^p	6.9	34.9	3.3	27.4	10.2	62.3	72.5
	1979	9.7	50.8	3.9	30.4	13.6	81.2	94.8
ronto	1973	127.7	368.2	34.4	161.2	162.1	529.4	691.5
	1974	150.2	474.0	44.9	174.0	195.1	648.0	843.1
	1975	127.5	473.9	48.2	196.9	175.7	670.8	846.5
	1976	141.2	451.3	56.6	230.0	197.8	681.3	879.1
	1977 ^r	183.3	574.2	66.1	248.2	249.4	822.4	1,071.8
	1978 ^p	153.8	547.6	65.9	243.3	219.7	790.9	1,010.6
	1979	206.6	695.1	69.1	263.6	275.7	958.7	1,234.4
milton	1973	27.9	149.9	20.4	181.6	48.3	331.5	379.8
	1973	27.9	149.9	20.4	181.6	48.3	331.5	379.8
	1974	52.5	148.5	24.4	217.9	76.9	366.4	443.3
	1975	42.5	207.0	26.2	254.2	68.7	461.2	529.9
	1976	43.2	176.6	29.7	277.3	72.9	453.9	526.8
	1977 ^r	52.3	237.3	45.8	296.1	98.1	533.4	631.5
	1978 ^p	43.7	247.0	37.5	351.4	81.2	598.4	679.6
	1979	29.2	227.4	41.4	378.4	70.6	605.8	676.4

Table 21.5 (cont'd)Capital and Repair Investment in Manufacturing, by Selected Metropolitan Area, Canada and Ontario, 1973-1979¹

		Capital Expenditures		Repair Expenditures		Capital and Repair Expenditures		
		Construc- tion	Machinery and Equipment ²	Construc- tion	Machinery and Equipment	Construc- tion	Machinery and Equipment ²	Total
\$ Million								
London	1973	3.7	29.7	2.5	17.9	6.2	47.6	53.8
	1974	11.6	36.4	2.7	22.1	14.3	58.5	72.2
	1975	8.3	31.5	3.3	19.0	11.6	50.5	62.1
	1976	4.5	38.7	4.0	24.3	8.5	63.0	71.5
	1977 ^r	13.6	66.1	5.7	33.0	19.3	99.1	118.4
	1978 ^p	14.0	67.0	5.8	30.3	19.8	97.3	117.1
	1979	22.6	91.6	5.8	32.1	28.4	123.7	152.1
Windsor	1973	9.2	44.4	3.3	42.6	12.5	87.0	99.5
	1974	25.2	51.9	3.3	39.5	28.5	91.4	119.9
	1975	14.0	70.2	3.3	36.2	17.3	106.4	123.7
	1976	7.6	52.9	8.0	56.0	15.6	108.9	124.5
	1977 ^r	29.9	94.4	7.0	68.1	36.9	162.5	199.4
	1978 ^p	29.4	187.5	6.8	72.5	36.2	260.0	296.2
	1979	51.9	221.4	8.5	79.9	60.4	301.3	361.7
Winnipeg	1973	16.5	31.8	5.5	15.7	22.0	47.5	69.5
	1974	18.3	35.9	6.2	19.2	24.5	55.1	79.6
	1975	18.4	36.7	6.3	21.3	24.7	58.0	82.7
	1976	18.7	38.4	6.6	23.3	25.3	61.7	87.0
	1977 ^r	15.8	42.5	8.1	24.6	23.9	67.1	91.0
	1978 ^p	10.1	34.2	6.7	24.3	16.8	58.5	75.3
	1979	16.8	45.9	8.5	27.6	25.3	73.5	98.8
Calgary	1973	9.9	25.5	2.7	13.3	12.6	38.8	51.4
	1974	13.0	25.7	3.1	16.9	16.1	42.6	58.3
	1975	13.1	43.5	2.3	18.8	15.4	62.3	77.7
	1976	11.0	35.9	3.0	24.8	14.0	60.7	74.7
	1977 ^r	17.2	45.7	3.2	28.6	20.4	74.3	94.9
	1978 ^p	15.3	49.0	3.3	26.7	18.6	75.7	94.3
	1979	17.8	65.2	3.4	27.7	21.2	92.9	114.9
Edmonton	1973	97.9	79.4	8.5	20.8	106.4	100.2	206.6
	1974	89.0	86.2	9.1	26.6	98.1	112.8	210.9
	1975	46.3	67.3	20.2	37.8	66.5	105.1	171.6
	1976	21.6	72.6	18.3	40.6	39.9	113.2	153.1
	1977 ^r	59.3	150.6	17.8	43.9	77.1	194.5	271.6
	1978 ^p	103.6	228.6	21.0	43.7	124.6	272.3	396.9
	1979	68.3	234.3	20.5	48.4	88.8	282.7	371.5
Vancouver	1973	27.8	79.7	14.0	59.7	41.8	139.4	181.2
	1974	37.7	100.1	17.1	70.5	54.8	170.6	225.4
	1975	53.8	97.6	17.2	67.5	71.0	165.1	236.1
	1976	41.5	110.2	19.1	81.4	60.6	191.6	252.1
	1977 ^r	40.4	147.7	22.0	93.9	62.4	241.6	304.0
	1978 ^p	37.9	119.7	22.6	102.3	60.5	222.0	282.2
	1979	82.3	132.2	24.6	109.8	106.9	242.0	348.9
Victoria	1973	2.2	5.0	0.6	4.1	2.8	9.1	11.9
	1974	2.3	7.4	0.9	5.3	3.2	12.7	15.9
	1975	1.6	5.5	0.4	5.1	2.0	10.6	12.6
	1976	1.9	7.0	0.7	6.1	2.6	13.1	15.7
	1977 ^r	0.3	5.8	0.6	7.1	0.9	12.9	13.8
	1978 ^p	2.1	5.8	0.8	8.3	2.9	14.1	17.0
	1979	2.1	10.7	0.7	8.6	2.8	19.3	22.1

1) Preliminary actual 1978; intentions 1979.

2) Capital expenditures on machinery and equipment include an estimate for capital items charged to operating expenses.

Source: SC, *Private and Public Investment in Canada*.

	Construction		Machinery and Equipment				Total		
	1977'	1978	Per Cent Change	1977'	1978	Per Cent Change	1977'	1978	
	\$ Million			\$ Million			\$ Million	Per Cent Change	
	Capital Expenditures								
Primary Industries and Construction Industry	430.2	419.5	-2.5	851.9	882.4	3.6	1,282.1	1,301.9	1.5
Manufacturing	950.4	857.5	-9.8	2,409.0	2,296.4	-4.7	3,359.4	3,153.9	-6.1
Food and Beverages	45.1	55.6	23.3	149.8	180.8	20.7	194.9	236.4	21.3
Rubber	7.6	6.3	-17.1	59.6	57.4	-3.7	67.2	63.7	-5.2
Textiles	4.2	7.7	83.3	30.5	44.7	46.6	34.7	52.4	51.0
Clothing	2.1	5.4	157.1	5.6	5.1	-8.9	7.7	10.5	36.4
Knitting Mills	0.4	0.5	25.0	3.6	2.9	-19.4	4.0	3.4	-15.0
Wood	11.7	10.0	-14.5	22.3	24.2	8.5	34.0	34.2	0.6
Furniture & Fixtures	3.8	1.9	-50.0	6.1	4.5	-26.2	9.9	6.4	-35.4
Paper & Allied Industries	50.0	19.2	-61.6	188.0	108.7	-42.2	238.0	127.9	-46.3
Printing, Publishing and Allied Industries	7.0	9.1	30.0	44.3	57.4	29.6	51.3	66.5	29.6
Primary Metal	126.3	97.6	-22.7	381.6	370.5	-2.9	507.9	468.1	-7.8
Metal Fabricating	26.4	26.5	0.4	99.8	105.8	6.0	126.2	132.3	4.8
Machinery	21.9	21.2	-3.2	72.6	67.8	-6.6	94.5	89.0	-5.8
Transportation Equipment	62.5	56.8	-9.1	225.4	296.0	31.3	287.9	352.8	22.5
Electrical Products	10.8	9.2	-14.8	65.9	72.5	10.0	76.7	81.7	6.5
Non-Metallic Mineral Prod.	20.1	34.8	73.1	73.5	109.4	48.8	93.6	144.2	54.1
Petroleum & Coal Products	198.1	140.8	-28.9	69.9	52.7	-24.6	268.0	193.5	-27.8
Chemicals & Chem. Products	345.1	339.1	-1.7	528.9	353.4	-33.2	874.0	692.5	-20.8
Miscellaneous	4.2	9.8	133.3	23.2	25.3	9.1	27.4	35.1	28.1
Utilities	1,101.5	1,258.0	14.2	1,311.4	1,721.5	31.3	2,412.9	2,979.5	23.5
Trade, Finance and Commercial Services	864.3	937.4	8.5	1,070.3	1,255.7	17.3	1,934.6	2,193.1	13.4
Housing	3,745.8	3,680.0	-1.8	-	-	-	3,745.8	3,680.0	-1.8
Institutions and Government Departments	1,632.3	1,711.2	4.8	365.1	356.7	-2.3	1,997.4	2,067.9	3.5
Total Private and Public Investment in Ontario	8,724.5	8,863.6	1.6	6,007.7	6,512.7	8.4	14,732.2	15,376.3	4.4

1) Preliminary actual expenditures for 1978

Source: SC Private and Public Investment

Table 21.7Total Value of Building Construction by Type of Structure, Ontario, 1952–1978¹

	Total Building Construction	Residential	Industrial	Commercial	Institutional	Other Building Construction
	\$'000's					
1952	928,813	396,985	229,739	160,639	105,895	35,555
1953	1,093,983	511,206	200,209	196,506	109,803	76,255
1954	1,216,568	623,094	190,365	214,974	127,048	61,087
1955	1,380,174	754,154	182,923	210,127	158,194	74,776
1956	1,498,383	735,203	288,159	224,180	152,927	97,914
1957	1,562,669	738,706	300,092	276,126	159,499	88,246
1958	1,637,677	909,728	173,116	285,082	192,162	77,589
1959	1,603,391	857,286	175,296	276,829	208,183	85,797
1960	1,538,444	745,428	198,242	272,819	217,762	104,193
1961	1,529,821	756,399	168,936	266,517	217,979	119,990
1962	1,604,075	721,666	195,094	263,230	304,908	119,177
1963	1,737,892	792,630	226,784	262,989	350,454	105,035
1964	1,918,422	980,436	266,381	317,640	264,052	89,913
1965	2,299,263	1,119,926	334,737	383,349	363,310	97,941
1966	2,617,912	1,155,534	478,147	449,916	430,259	104,056
1967	2,759,162	1,252,985	410,887	491,345	487,617	116,328
1968	2,962,615	1,484,984	322,086	462,903	583,497	109,145
1969	3,247,321	1,751,751	363,538	469,356	542,241	120,435
1970	3,424,377	1,629,204	511,188	588,963	530,398	164,624
1971	3,749,822	2,023,245	351,154	651,381	546,068	177,974
1972	4,237,394	2,458,371	375,369	728,230	480,185	195,239
1973	5,029,428	3,062,253	471,478	900,460	403,134	192,103
1974	5,904,100	3,466,233	649,940	1,151,070	401,211	235,646
1975 ¹	5,757,247	3,190,683	654,649	1,218,892	418,394	274,629
1976 ¹	6,783,354	4,336,034	633,599	1,086,840	411,184	315,697
1977 ^p	6,947,157	4,472,594	669,419	1,036,101	429,915	339,128
1978	7,423,049	4,963,763	648,208	1,070,494	390,702	349,882

¹) Preliminary actual, 1977; intentions, 1978.Source: SC, *Construction in Canada*.

Table 21.8

Total Value of Engineering Construction by Type of Structure, Ontario, 1952–1978¹

	Total Engineer- ing Con- struction	Road, Highway, and Aerodrome Con- struction	Waterworks and Sewage Systems	Dams and Irrigation	Electric Power Con- struction	Railway, Telephone, and Telegraph	Gas and Oil Facilities	Marine Con- struction	Other Engineer- ing Con- struction
	\$'000's								
1952	547,555	192,519 ²	47,716	4,460	140,368	84,849	51,435	14,103	12,105
1953	540,254	130,812	52,266	3,538	141,917	86,799	45,568	13,130	66,224
1954	531,490	144,491	57,527	5,032	127,879	94,583	30,232	21,250	50,496
1955	542,915	168,584	57,723	5,656	104,730	114,077	25,469	17,839	48,837
1956	700,304	176,724	71,664	7,575	164,974	120,713	50,271	25,986	82,397
1957	975,048	203,400	82,474	5,853	197,600	131,921	208,396	43,898	101,506
1958	990,976	216,104	76,046	6,419	155,613	138,007	254,872	62,699	81,216
1959	815,290	247,246	86,863	4,659	130,782	140,598	86,347	31,170	87,625
1960	816,184	251,930	99,521	4,989	118,422	143,053	69,104	25,426	103,739
1961	799,059	210,419	89,489	4,645	112,087	131,408	71,382	23,175	156,454
1962	823,086	239,852	89,332	5,193	122,671	132,684	99,677	14,768	118,909
1963	884,420	253,560	111,443	11,329	114,861	141,430	101,632	11,413	138,752
1964	893,146	235,167	112,049	13,397	117,070	128,770	92,375	17,731	176,587
1965	951,237	296,360	122,137	11,885	145,270	130,008	71,173	33,939	140,465
1966	1,196,472	362,573	170,687	21,252	172,927	164,682	111,406	36,096	156,849
1967	1,229,017	387,959	150,653	12,879	197,922	147,140	123,452	24,863	184,149
1968	1,346,819	399,493	169,023	10,278	253,542	172,030	137,472	31,380	173,601
1969	1,395,900	388,735	154,092	20,239	309,897	179,971	102,509	32,080	208,377
1970	1,560,492	389,944	207,915	16,298	353,096	199,388	105,046	25,328	263,477
1971	1,847,082	450,164	242,620	20,245	358,919	214,223	133,456	25,789	401,666
1972	2,038,419	457,272	291,753	25,754	368,431	230,516	157,716	38,282	468,695
1973	2,106,529	493,202	319,095	26,385	391,359	273,461	188,562	25,799	388,666
1974	2,597,178	583,759	456,148	34,651	469,739	371,610	220,423	32,019	428,829
1975	3,232,152	634,445	518,741	39,690	737,175	339,648	348,318	33,153	580,982
1976 ^r	3,282,600	604,501	563,098	39,143	588,752	397,247	291,647	38,170	760,042
1977 ^p	3,528,352	647,290	548,977	36,241	689,307	492,453	314,081	58,152	741,851
1978	3,637,628	640,698	543,712	39,696	846,887	555,470	220,939	64,186	726,040

¹ Preliminary actual, 1977; intentions, 1978.
Includes bridges.

Source: SC, *Construction in Canada*.

Table 21.9

Value of Construction Work Performed, Total and Contract, Labour Content and Cost of Materials Used, Ontario, 1956–1978¹

	Total Construction				Contract Construction Only			
	Labour Content		Cost of Materials Used	Value of Work Performed	Labour Content		Cost of Materials Used	Value of Work Performed
	Number	Value			Number	Value		
			\$'000's				\$'000's	
1956	197,910	741,549	1,076,957	2,198,687	131,909	517,644	846,912	1,669,514
1957	210,492	858,281	1,212,620	2,537,717	142,498	607,746	960,262	1,965,776
1958	216,479	906,990	1,217,912	2,628,653	146,167	645,930	987,518	2,074,967
1959	197,605	854,189	1,143,098	2,418,681	132,671	593,768	891,220	1,843,680
1960	187,424	848,479	1,113,895	2,354,628	121,967	582,976	901,573	1,811,648
1961	175,232	812,923	1,093,342	2,328,880	122,803	587,048	888,773	1,835,335
1962	175,266	845,953	1,166,323	2,427,161	129,099	626,990	967,583	1,944,831
1963	174,415	898,430	1,263,594	2,622,312	129,093	679,182	1,055,812	2,125,432
1964	176,261	953,009	1,384,359	2,811,568	131,780	727,085	1,177,576	2,307,215
1965	193,936	1,129,635	1,592,766	3,250,500	141,994	847,078	1,332,556	2,645,441
1966	204,368	1,305,993	1,767,955	3,814,384	156,750	1,023,714	1,501,754	3,172,015
1967	206,505	1,397,522	1,781,571	3,988,179	158,441	1,095,022	1,487,692	3,282,437
1968	216,225	1,570,875	1,969,168	4,309,434	162,013	1,202,957	1,624,208	3,469,777
1969	207,998	1,650,972	2,119,482	4,643,221	159,956	1,292,284	1,722,018	3,742,363
1970	206,616	1,857,515	2,132,375	4,984,869	157,724	1,445,088	1,782,313	4,020,069
1971	206,856	2,092,294	2,270,153	5,596,904	161,293	1,659,825	1,871,515	4,560,418
1972	198,933	2,259,346	2,498,628	6,275,813	158,983	1,836,584	2,115,470	5,153,906
1973	237,103	2,681,124	2,844,763	7,135,957	192,507	2,179,740	2,358,291	5,840,925
1974	229,975	3,029,778	3,396,620	8,501,278	184,492	2,474,262	2,817,116	6,969,667
1975	217,335	3,183,499	3,567,106	8,989,399	173,963	2,587,166	2,897,909	7,264,58
1976 ¹	222,004	3,605,275	3,784,763	10,065,954	184,094	3,029,879	3,178,166	8,485,001
1977 ¹	209,062	3,754,962	3,939,005	10,475,509	168,603	3,072,141	3,228,527	8,618,101
1978	207,494	3,945,205	4,160,993	11,060,677	167,207	3,223,501	3,406,759	9,082,311

1) Preliminary actual, 1976; intentions, 1977.

Source: SC, Construction Division.
Construction in Canada.

Table 21.10**Total Value of Construction Work Performed, Ontario, 1952–1978¹**

	New	Repair	Total
		\$'000's	
1952	1,155,061	321,307	1,476,368
1953	1,305,046	329,191	1,634,237
1954	1,365,623	382,435	1,748,058
1955	1,541,853	381,236	1,923,089
1956	1,824,614	374,073	2,198,687
1957	2,096,995	440,722	2,537,717
1958	2,174,654	453,999	2,628,653
1959	1,931,021	487,660	2,418,681
1960	1,849,164	505,464	2,354,628
1961	1,828,322	500,558	2,328,880
1962	1,914,566	512,595	2,427,161
1963	2,090,561	531,751	2,622,312
1964	2,234,826	576,742	2,811,568
1965	2,611,390	639,110	3,250,500
1966	3,115,669	698,715	3,814,384
1967	3,231,661	756,518	3,988,179
1968	3,484,595	824,839	4,309,434
1969	3,825,351	817,870	4,643,221
1970	4,127,045	857,824	4,984,869
1971	4,661,922	934,982	5,596,904
1972	5,253,096	1,022,717	6,275,813
1973	5,981,483	1,154,474	7,135,957
1974	7,087,533	1,413,745	8,501,278
1975	7,493,166	1,496,233	8,989,399
1976 ⁱ	8,370,048	1,695,906	10,065,954
1977 ^p	8,618,843	1,856,666	10,475,509
1978	9,063,065	1,997,612	11,060,677

1) Preliminary actual, 1977; intentions, 1978.

Source: SC, *Construction in Canada*.

Table 21.11
Number and Value of Building Permits Issued, by Province, Canada, 1978

	Number of Dwelling Units						Total
	Single Dwellings	Cottages	Double Dwellings	Row Housing	Apartments	Conversions	
	Units						
Canada	105,357	2,517	18,469	17,263	72,086	1,844	217,536
Ontario	26,536	1,012	8,233	8,681	25,214	402	70,078
Newfoundland	886	3	109	74	418	40	1,530
Prince Edward Island	907	125	72	33	166	8	1,311
Nova Scotia	4,367	271	164	96	1,827	49	6,774
New Brunswick	2,460	24	54	20	656	45	3,259
Québec	24,176	717	3,940	748	16,671	931	47,183
Manitoba	3,974	58	940	515	3,544	6	9,037
Saskatchewan	4,880	24	524	382	1,773	31	7,614
Alberta	21,460	122	3,466	4,339	16,237	73	45,697
British Columbia	15,361	95	953	2,373	5,529	251	24,562
Yukon	263	66	14	2	—	8	353
Northwest Territories	87	—	—	—	51	—	138

Table 21.11 (cont'd)

	Estimated Value of Construction				Total
	Residential	Industrial	Commercial	Institutional and Government	
	\$'000's				
Canada	7,566,670	1,053,590	3,140,478	1,373,956	13,134,694
Ontario	2,496,117	471,537	973,359	300,312	4,241,325
Newfoundland	49,069	4,451	23,958	31,677	109,155
Prince Edward Island	39,859	8,219	10,125	31,969	90,172
Nova Scotia	213,357	26,901	59,013	62,088	361,359
New Brunswick	107,547	13,451	59,382	56,667	237,047
Québec	1,461,015	223,244	427,369	294,356	2,405,984
Manitoba	291,629	23,353	93,180	62,643	470,805
Saskatchewan	279,385	12,727	116,858	77,700	486,670
Alberta	1,650,409	157,886	954,378	271,151	3,033,824
British Columbia	957,591	108,875	410,424	178,438	1,655,328
Yukon	13,387	2,200	8,614	4,366	28,567
Northwest Territories	7,305	746	3,818	2,589	14,458

Source: SC, *Building Permits*.

Table 21.12

Number of Building Permits Issued and Estimated Value of Construction, Canada and Ontario, 1966-1978

Residential Units								
	Single Dwellings	Cottages	Double Dwellings	Row Housing	Apartments	Conversions	Total	Estimated Value
	Number of Units							\$'000's
1966								
Canada	61,958	..	12,359	..	58,062	2,136	134,515	1,592,001
Ontario	27,766	..	3,368	..	29,199	577	60,910	728,037
1967								
Canada	65,411	..	13,867	..	81,914	2,257	163,479	1,923,644
Ontario	28,937	..	4,321	..	38,552	633	72,443	888,712
1968								
Canada	70,136	..	14,320	..	117,763	2,624	204,843	2,405,632
Ontario	31,973	..	5,227	..	51,146	743	89,089	1,123,191
1969								
Canada	65,765	..	11,702	..	114,942	2,581	194,990	2,429,190
Ontario	31,237	..	4,711	..	44,220	763	80,931	1,114,578
1970								
Canada	60,119	..	11,790	..	104,295	2,425	178,629	2,311,563
Ontario	23,640	..	4,776	..	49,008	707	78,131	1,079,037
1971								
Canada	84,055	2,708	16,657	... ¹	124,648 ¹	2,337	230,405	3,203,063
Ontario	31,128	2,116	8,190	... ¹	54,833 ¹	634	96,901	1,455,512
1972								
Canada	96,489	2,606	15,919	16,623	110,364	2,056	244,057	3,638,411
Ontario	35,724	2,047	8,515	9,218	49,124	576	105,204	1,714,080
1973								
Canada	112,428	2,644	14,185	16,067	123,861	2,047	271,232	4,763,082
Ontario	39,079	2,087	8,032	11,509	62,530	501	123,738	2,366,024
1974								
Canada	102,064	2,820	11,731	13,944	66,314	1,998	198,871	4,575,710
Ontario	31,384	2,015	5,900	9,291	33,223	529	82,342	2,002,203
1975								
Canada	118,635	2,592	16,725	19,460	80,798	1,460	239,670	6,128,940
Ontario	35,707	1,504	9,493	11,590	32,622	382	91,298	2,462,399
1976								
Canada	123,900	2,962	16,386	27,726	89,790	1,629	262,393	7,475,815
Ontario	32,321	1,164	8,861	16,023	25,218	408	83,995	2,563,363
1977								
Canada	106,768	2,958	19,782	24,307	97,853	1,971	253,639	7,612,531
Ontario	28,341	1,170	10,181	11,531	28,544	485	80,252	2,609,365
1978								
Canada	105,357	2,517	18,469	17,263	72,086	1,844	217,536	7,566,670
Ontario	26,536	1,012	8,233	8,681	25,214	402	70,078	2,496,117

Table 21.12 (cont'd)
Number of Building Permits Issued and Estimated Value of Construction, Canada and Ontario, 1966–1978

	Non-Residential Units				Estimated Value			
	Industrial	Commercial	Institutional and Government	Total	Industrial	Commercial	Institutional and Government	Total
	Number of Units				\$'000's			
1966								
Canada	..	..	..	..	473,661	736,726	912,702	2,123,089
Ontario	..	..	..	..	281,534	330,479	452,802	1,064,815
1967								
Canada	..	..	..	..	424,947	677,001	1,042,241	2,144,189
Ontario	..	..	..	..	200,868	280,856	515,514	997,238
1968								
Canada	..	..	..	..	530,670	696,203	1,143,210	2,370,083
Ontario	..	..	..	..	183,294	294,108	550,900	1,028,302
1969								
Canada	..	..	..	..	567,048	839,155	1,060,158	2,466,361
Ontario	..	..	..	..	297,807	382,683	507,290	1,187,780
1970								
Canada	..	..	..	..	497,682	807,374	1,083,540	2,388,596
Ontario	..	..	..	..	230,560	414,513	578,223	1,223,296
1971								
Canada	..	..	..	..	470,924	1,069,785	996,355	2,537,064
Ontario	..	..	..	..	196,882	488,607	459,263	1,144,752
1972								
Canada	..	..	..	..	520,479	1,411,599	893,119	2,825,197
Ontario	..	..	..	..	278,890	564,472	430,965	1,274,327
1973								
Canada	14,223	39,082	5,706	59,011	853,754	1,970,340	971,762	3,795,856
Ontario	8,029	15,063	2,161	25,253	428,004	849,323	377,689	1,655,016
1974								
Canada	14,910	38,357	5,940	59,207	1,315,898	2,292,665	1,095,802	4,704,365
Ontario	8,465	14,368	2,603	25,436	533,896	905,229	385,367	1,824,492
1975								
Canada	15,074	41,023	6,221	62,318	875,826	2,251,483	1,341,786	4,469,095
Ontario	8,133	17,114	2,500	27,747	434,829	918,508	493,205	1,846,542
1976								
Canada	15,696	43,550	5,825	65,071	1,010,015	2,545,513	1,167,988	4,723,516
Ontario	7,572	16,511	2,292	26,375	473,498	685,839	351,622	1,510,959
1977								
Canada	16,967	44,906	5,927	67,800	1,011,957	2,444,382	1,350,940	4,807,279
Ontario	7,870	16,497	2,317	26,684	443,756	711,253	410,783	1,565,792
1978								
Canada	18,906	49,628	6,661	75,195	1,053,590	3,140,478	1,373,956	5,568,024
Ontario	9,722	18,764	2,780	31,266	471,537	973,359	300,312	1,745,208

1) Row housing is included with Apartments.

Source: SC, *Building Permits*.

Table 21.13

Dwelling Starts, Completions and Under Construction, Canada and Ontario, 1950–1978

	Starts		Completions		Under Construction	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
1950	92,531	33,430	89,075	31,318	60,538	24,331
1951	68,579	27,349	81,310	31,732	45,926	19,258
1952	83,246	30,016	73,087	27,461	55,689	20,513
1953	102,409	38,873	96,839	35,173	59,923	24,134
1954	113,527	46,382	101,965	41,085	68,641	27,941
1955	138,276	53,456	127,929	51,612	79,339	29,794
1956	127,311	48,712	135,700	51,201	68,579	26,232
1957	122,340	47,739	117,283	45,087	72,573	29,782
1958	164,632	63,753	146,686	59,551	88,162	33,414
1959	141,345	54,158	145,671	54,281	81,905	32,827
1960	108,858	42,282	123,757	46,982	65,773	28,335
1961	125,577	48,144	115,608	43,754	73,583	31,936
1962	130,095	44,306	126,682	47,287	76,153	28,932
1963	148,624	55,957	128,191	43,400	96,613	41,401
1964	165,658	65,617	150,963	57,739	107,718	48,835
1965	166,565	66,767	153,037	56,568	119,854	58,172
1966	134,474	52,355	162,192	68,407	88,621	39,478
1967	164,123	68,121	149,242	58,278	102,716	48,816
1968	196,878	80,375	170,993	68,003	126,638	60,035
1969	210,415	81,446	195,826	80,236	137,357	60,615
1970	190,528	76,675	175,827	69,331	148,185	66,912
1971	233,653	89,980	201,232	74,149	177,257	82,465
1972	249,914	102,933	232,227	96,438	188,630	87,358
1973	268,529	110,536	246,581	98,262	207,236	98,566
1974	222,123	85,503	257,243	104,360	168,406	78,517
1975	231,456	79,968	216,964	81,865	176,599	75,690
1976	273,203	84,682	236,249	80,302	204,286	78,359
1977	245,724	79,130	251,789	80,717	185,599	75,518
1978	227,667	71,710	246,553	80,429	164,702	66,106

Source: Central Mortgage and Housing Corporation, *Canadian Housing Statistics*.
 SC, *Canadian Statistical Review, Historical Summary*, 1970.

Table 21. 14
Dwelling Starts by Type, Canada and Ontario, 1959–1978

	Single-Detached		Semi-Detached and Duplex		Row		Apartment and Other	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
1959	92,178	34,694	10,468	3,371	1,908	482	36,791	15,611
1960	67,171	23,979	9,699	2,963	2,301	920	29,687	14,420
1961	76,430	26,227	11,650	3,962	1,864	664	35,633	17,291
1962	74,443	23,386	10,975	3,222	3,742	1,285	40,935	16,413
1963	77,158	27,000	7,891	4,265	3,895	2,300	59,680	22,392
1964	77,079	27,880	8,706	3,827	4,755	2,833	75,118	31,077
1965	75,441	26,572	7,924	3,006	5,306	3,802	77,894	33,387
1966	70,642	26,229	7,281	3,275	5,000	3,927	51,551	18,924
1967	72,534	26,595	9,939	3,914	7,392	4,952	74,258	32,660
1968	75,339	29,582	10,114	4,598	8,042	5,480	103,383	40,715
1969	78,404	30,556	10,373	4,928	10,721	5,915	110,917	40,047
1970	70,749	21,577	10,826	4,624	17,055	8,130	91,898	42,344
1971	98,056	31,088	13,751	7,395	15,659	7,602	106,187	43,895
1972	115,570	37,932	13,649	8,237	16,980	8,811	103,715	47,953
1973	131,552	42,751	13,235	7,950	17,291	11,977	106,451	47,858
1974	122,143	33,886	11,023	6,058	14,932	9,518	74,025	36,041
1975	123,929	33,669	15,403	8,543	21,763	12,212	70,361	25,544
1976	134,313	32,252	15,890	8,502	33,676	17,918	89,324	26,011
1977	108,403	27,899	18,373	10,364	26,621	13,782	92,327	27,085
1978	110,029	27,949	19,932	8,607	20,379	9,073	77,327	26,081

Source: Central Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 21.15Dwelling Starts by Type, by Census Metropolitan Area¹, Ontario, 1970–1978

	Hamilton	Kit- chener	London	Ottawa, city of	St. Cath- arines- Niagara	Sudbury	Thunder Bay	Toronto	Windsor	Oshawa ²
Single-Detached										
1970	997	849	774	1,288	994	995	285	3,566	719	363
1971	2,155	1,323	1,339	1,613	1,465	1,268	275	6,972	853	578
1972	2,820	1,772	1,950	1,657	1,831	591	403	9,101	1,089	1,015
1973	2,862	1,593	1,770	1,491	2,098	515	598	8,039	1,017	812
1974	2,155	1,347	1,249	784	1,807	374	623	6,110	1,210	356
1975	1,890	1,764	1,574	996	1,777	687	491	7,338	887	568
1976	1,471	1,891	1,235	1,098	1,978	718	590	6,216	1,071	801
1977	1,624	1,345	1,389	1,153	1,295	678	670	5,472	896	842
1978	1,219	1,127	1,453	1,165	965	336	584	6,257	1,035	955
Semi-Detached and Duplex										
1970	175	216	172	276	149	132	157	2,250	108	422
1971	260	488	257	364	190	226	129	3,670	132	381
1972	434	362	147	146	268	85	149	5,484	212	122
1973	480	454	84	319	403	32	65	3,857	178	346
1974	286	384	146	522	408	28	68	2,552	158	222
1975	447	343	375	601	742	90	20	3,598	28	503
1976	367	282	234	654	518	184	66	3,205	54	792
1977	810	369	274	1,144	502	290	152	4,086	26	458
1978	846	494	578	1,242	276	48	167	2,900	8	651
Row										
1970	727	550	546	1,079	256	217	24	2,689	373	66
1971	750	620	641	1,180	45	242	35	2,577	500	-
1972	959	434	591	1,339	225	147	87	3,537	340	53
1973	868	569	473	1,883	480	91	21	5,927	99	296
1974	822	795	724	1,016	374	-	48	4,071	24	429
1975	1,695	624	710	1,297	422	-	73	4,744	62	761
1976	1,613	917	1,128	2,692	543	-	283	7,462	35	872
1977	809	612	664	2,506	116	152	245	6,081	37	684
1978	46	252	436	2,726	66	-	40	4,401	25	354
Apartment and Other										
1970	2,646	1,460	1,246	5,561	411	617	256	23,918	756	451
1971	2,243	1,474	2,955	5,446	1,114	2,025	76	21,990	729	612
1972	4,108	2,781	2,756	7,666	1,895	862	500	20,573	1,342	642
1973	4,498	2,438	1,545	8,258	956	295	671	19,874	739	367
1974	2,705	1,559	1,192	5,005	644	47	135	16,847	1,210	582
1975	2,688	649	1,124	1,228	254	145	335	10,777	666	544
1976	2,039	836	721	673	1,128	156	552	9,672	842	1,035
1977	713	1,140	1,646	2,162	428	145	553	12,279	860	688
1978	420	201	2,352	1,880	1,076	128	342	12,493	1,443	223

¹ Data for 1970–1971 on 1966 Census Area definitions. Data for 1972–76 on 1971 Census definition. Subsequent data on 1976 Census definition.

² Oshawa became a CMA in 1976.

Source: Central Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 21.16
Dwelling Starts Financed by NHA and Other, by Census Metropolitan Area¹, Ontario, 1976-1978

	1976					1977					1978				
	Units					Units					Units				
	Semi-Detached	Detached and Duplex	Row	Apartment and Other	Total	Semi-Detached	Detached and Duplex	Row	Apartment and Other	Total	Semi-Detached	Detached and Duplex	Row	Apartment and Other	Total
Financed by NHA															
Hamilton ²	121	95	1,238	1,411	2,865	492	582	689	427	2,190	126	289	-	108	523
Kitchener	447	179	808	614	2,048	272	185	510	759	1,726	184	254	131	-	569
London	265	88	1,051	666	2,070	232	168	440	1,544	2,384	137	276	288	1,231	1,932
Ottawa, city of	154	172	2,477	534	3,337	207	552	2,321	1,945	5,025	123	862	1,859	1,880	4,724
St. Catharines-Niagara	698	422	442	1,106	2,668	374	422	80	299	1,175	133	181	-	819	1,133
Sudbury	156	72	-	156	384	172	242	152	145	711	54	30	-	124	208
Thunder Bay	201	16	283	546	1,046	162	80	245	521	1,008	65	109	40	246	460
Toronto ²	929	738	5,708	8,950	16,325	627	596	4,609	10,850	16,682	731	560	3,141	12,045	16,477
Windsor	295	54	31	494	874	287	18	26	686	1,017	172	-	15	1,134	1,321
Oshawa	266	707	852	659	2,484	430	370	684	621	2,105	152	541	354	138	1,185
Other than Those Financed by NHA															
Hamilton ²	1,350	272	375	628	2,625	1,132	228	120	286	1,766	1,093	557	46	312	2,008
Kitchener	1,444	103	109	222	1,878	1,073	184	102	381	1,740	943	240	121	201	1,505
London	970	146	77	55	1,248	1,157	106	224	102	1,589	1,316	302	148	1,121	2,887
Ottawa, city of	944	482	215	139	1,780	946	592	185	217	1,940	1,042	380	867	-	2,289
St. Catharines-Niagara	1,280	96	101	22	1,499	921	80	36	129	1,166	832	95	66	257	1,250
Sudbury	562	112	-	-	674	506	48	-	-	554	282	18	-	4	304
Thunder Bay	389	50	-	6	445	508	72	-	32	612	519	58	-	96	673
Toronto ²	5,287	2,467	1,754	722	10,230	4,845	3,490	1,472	1,429	11,236	5,526	2,340	1,260	448	9,574
Windsor	776	-	4	348	1,128	609	8	11	174	802	863	8	10	309	1,190
Oshawa	535	85	20	376	1,016	412	88	-	67	567	803	110	-	85	998

¹ Data for 1976 and 1971 Census Area definitions. 1977 and 1978 data on 1976 Census definition.

² Data for 1974 based on formation of new regional municipalities effective January 1, 1974.

Source: Central Mortgage and Housing Corporation, Ontario Regional Office.

Table 21.17

Low Income Housing Starts Financed by NHA and CMHC¹, Canada and Provinces², 1977–1978

	Entrepreneur		Non-Profit Housing Assistance		Assisted Home Ownership Program		Co-operative Housing Assistance	
	1977	1978	1977	1978	1978	1978	1977	1978
	Units							
Canada	–	334	5,660	3,279	1,356	285	749	1,387
Ontario	–	294	1,580	1,712	16	2	195	942
Newfoundland	–	–	162	–	107	25	–	6
Prince Edward Island	–	–	–	–	84	20	–	–
Nova Scotia	–	–	119	25	121	41	–	–
New Brunswick	–	–	50	–	77	9	2	–
Québec	–	–	1,466	505	474	14	85	117
Manitoba	–	40	366	275	–	–	250	193
Saskatchewan	–	–	63	–	184	9	10	–
Alberta	–	–	250	8	80	139	125	34
British Columbia	–	–	1,604	754	213	26	82	95

Table 21.17 (cont'd)

	Federal-Provincial		Public Housing		Student Housing		Assisted Rental Program		Low Income Total	
	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978
	Units									
Canada	2,417	2,857	6,790	6,349	–	–	755	110	17,727	14,601
Ontario	164	245	3,112	2,175	–	–	40	–	5,107	5,370
Newfoundland	95	451	41	64	–	–	57	–	462	546
Prince Edward Island	49	66	–	–	–	–	–	–	133	86
Nova Scotia	777	575	75	20	–	–	–	–	1,092	661
New Brunswick	141	293	38	50	–	–	–	48	308	400
Québec	–	–	1,041	2,778	–	–	–	–	3,066	3,414
Manitoba	–	104	1,359	589	–	–	–	–	1,975	1,201
Saskatchewan	955	1,004	–	–	–	–	–	12	1,212	1,025
Alberta	–	–	1,124	673	–	–	–	16	1,579	870
British Columbia	236	119	–	–	–	–	658	34	2,793	1,028

¹ The N.H.A. allows for financing by the C.M.H.C. and by approved lenders such as banks etc. C.M.H.C. activities under the N.H.A. include loans to assist housing starts in the low income sector.

Source: Central Mortgage and Housing Corporation, Ontario Regional Office.

Transportation

Highlights

- Motor Vehicle Registration** — The total number of vehicles registered in Canada rose from 11.8 million in 1976 to 12.5 million in 1977, an increase of 6.5 per cent. Comparable data for Ontario showed a 6.1 per cent increase between 1976 and 1977, rising from 4.1 million vehicles to 4.4 million.
- In 1977, of the total number of motor vehicles registered in Ontario, 80.2 per cent were passenger cars, 17.2 per cent were trucks and tractors, 0.5 per cent were buses, and 1.9 per cent were motorcycles.
- Highway and Road Kilometres** — Total Ontario road kilometres rose by 34 per cent between 1972 and 1977 to reach 158,841.7 kilometres. Of this total in 1977, King's highway accounted for 10.0 per cent, county roads for 7.8 per cent, organized township roads for 47.3 per cent, and cities, town and village streets for 20.3 per cent.
- Shipping** — In 1978, the number of transits, excluding pleasure craft, in the Montreal-Lake Ontario Section of the St. Lawrence Seaway increased 1.5 per cent from the 5,185 recorded in 1977. The number of transits in the Welland Section was up in 1978, rising to 6,605 from 6,162 in 1977, an increase of 7.2 per cent.
- Railway Revenue Freight** — Total carload and non-carload freight loaded onto railway cars in Ontario in 1977 reached 54.7 million tons, a 1.2 per cent increase over the corresponding figure for 1976. Of the 1977 total, inedible crude materials accounted for 51.8 per cent, followed by inedible fabricated materials with 24.9 per cent.
- Air Traffic** — In 1977 in Ontario, Toronto International Airport was by far the busiest airport handling 36,579 domestic arriving flights and 36,674 domestic departing flights. It was followed by Ottawa International Airport with 16,244 and 16,266 flights, respectively.

Toronto International Airport handled an arriving cargo of 84.3 million pounds and a departing cargo of 98.7 million pounds on domestic services in 1977. Toronto International Airport handled over 6.1 million arriving passengers in 1977 compared with 1.1 million passengers for Ottawa International Airport.

Definitions

Delivered to U.S. Rail

- traffic delivered to United States rail connections or transported across the border;
- deliveries to United States rail connections of freight originated in the U.S. and moved over-land through Canada.

Loaded

- revenue freight originating directly on the road, including that received from private, non-reporting industrial sidings;
- freight received from switching roads, where such freight has not previously been given line haul transportation;
- freight received from other modes of transport;
- freight reshipped following milling or fabrication at some point in transit;
- idler or trailer cars.

Received from U.S. Rail Destined to Canadian Points — Traffic received from United States rail connections, or transported across the border destined to Canadian points.

Unloaded

- (a) freight terminating directly on the road, including that delivered to private, non-reporting industrial sidings and grain unloaded at interior, lake and coastal elevators for export;
- (b) freight delivered to switching roads, where there is no further line haul;
- (c) freight delivered to other modes of transport;
- (d) freight unloaded for milling or fabrication at some point in transit.

Transit — A partial or complete upbound or downbound passage of a vessel through one or more locks of a Seaway Canal.

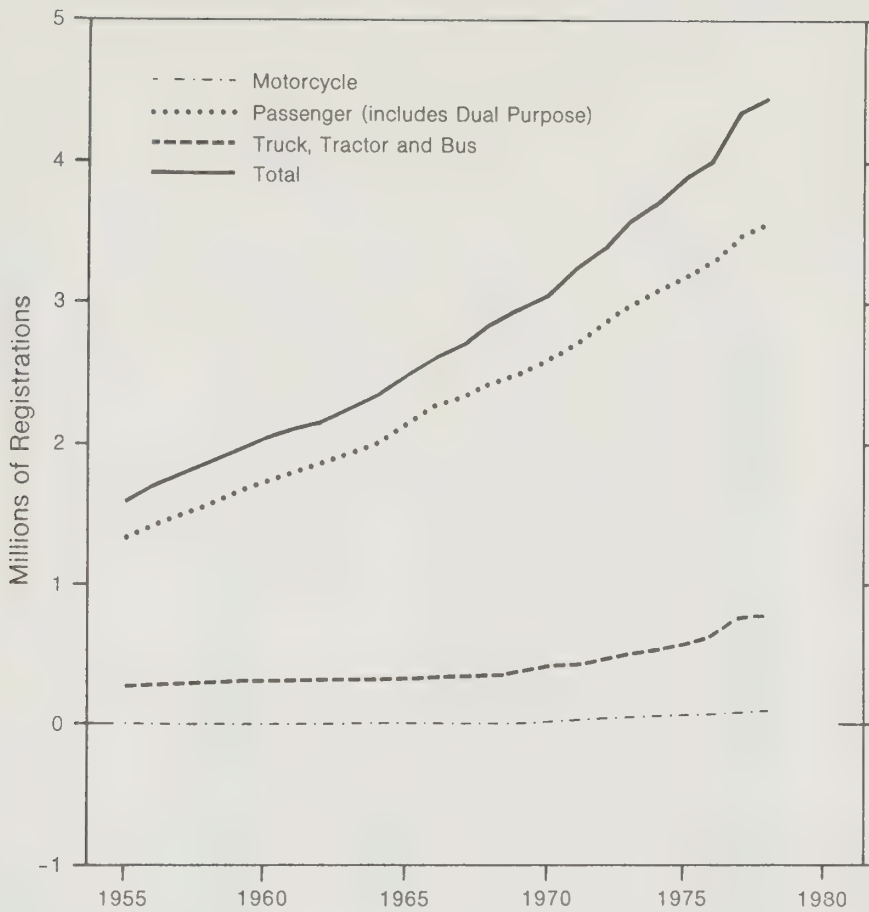
Cargo Tons — The number of short tons of cargo carried by a vessel on each or any transit.

Tug and Barge Combinations — The assessment of tolls requires tugs and barges in common transit to be considered as one unit. The number of transits shown under this category represents the number of combined passages plus the number of individual tugs transiting the Seaway.

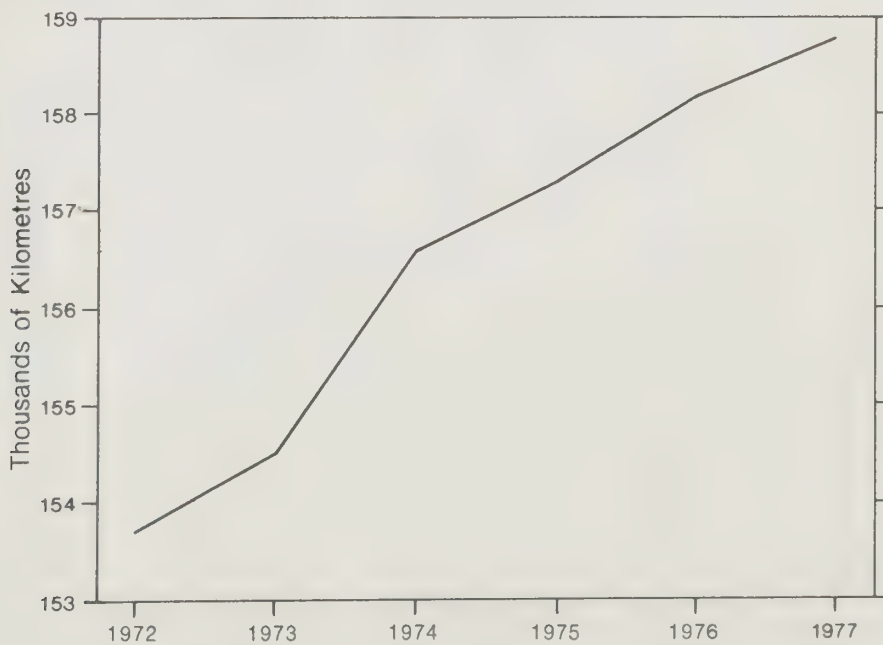
Itinerant Aircraft Movement — Situation where aircraft enters or leaves the airport tower control zone.

Local Aircraft Movement — Situation where an aircraft takes off, stays within tower control zone and lands at the same airport. If the aircraft leaves the tower control zone it is no longer local.

Unit Toll — Public transportation of persons, mail and/or goods by aircraft on a per unit basis.

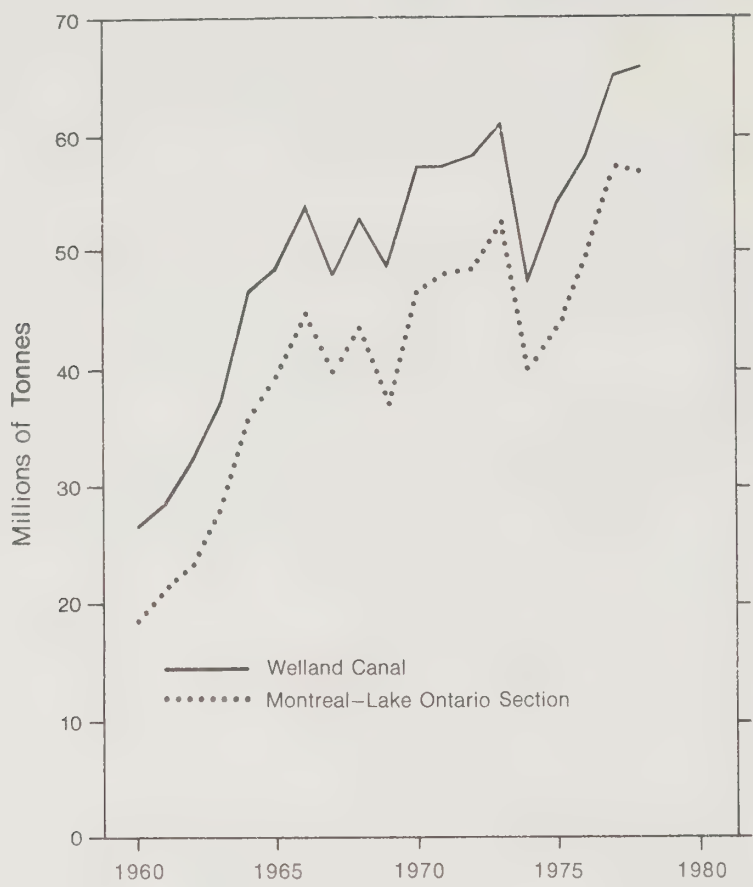
Graph 22.A**Motor Vehicle Registrations, Ontario, 1955-1978**

Refer to Table 22.2.

Graph 22.B**Total Highway and Road Length, Ontario, 1972-1977.**

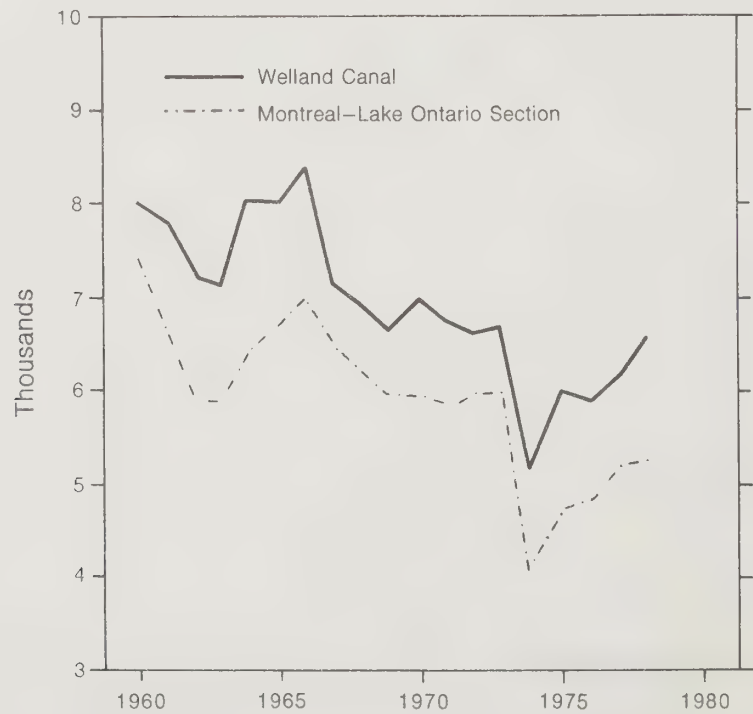
Refer to Table 22.3.

Graph 22.C
St. Lawrence Seaway Tonnage, 1960-1978



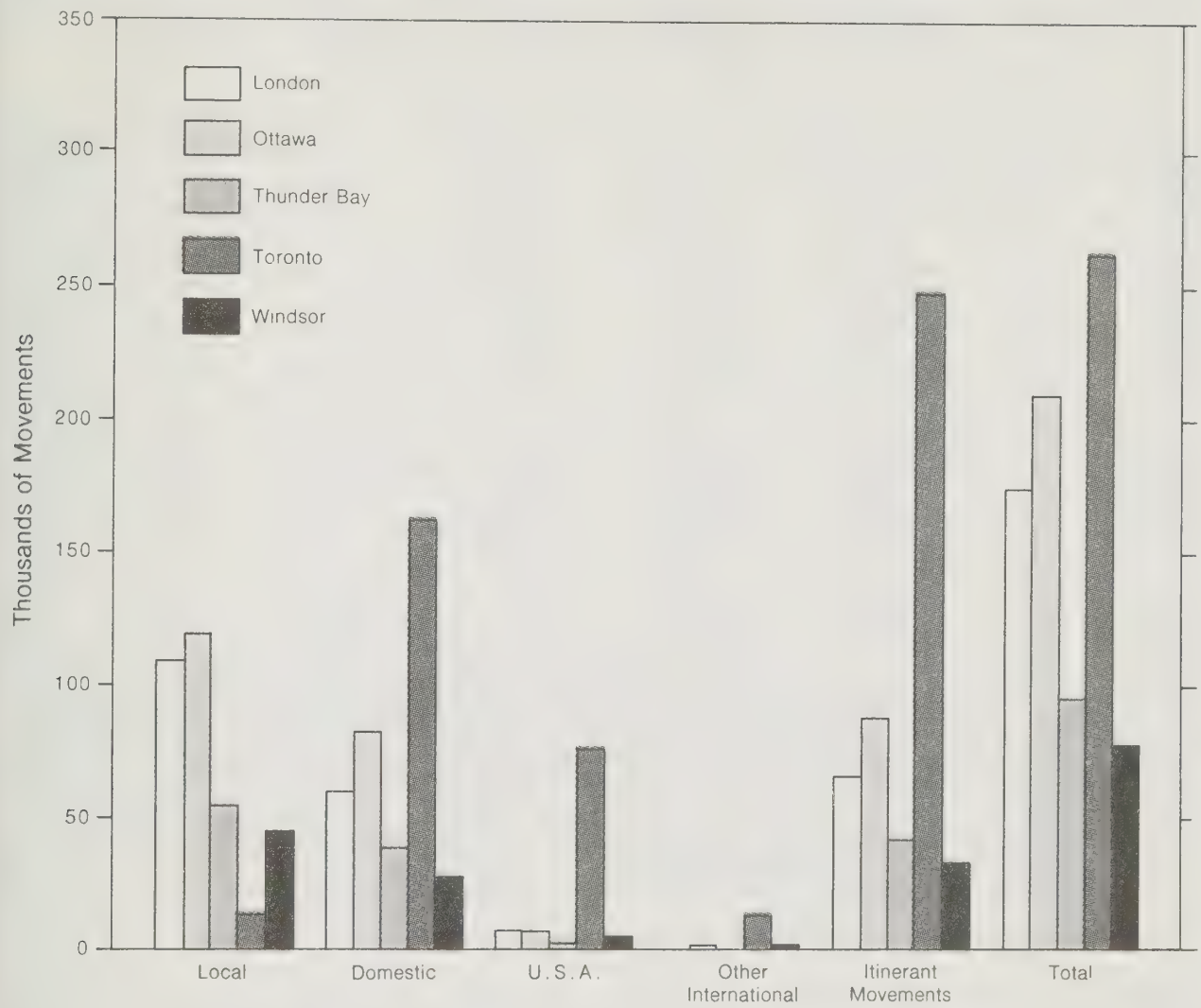
Refer to Table 22.6.

Graph 22.D
St. Lawrence Seaway Transits, 1960-1978



Refer to Table 22.6.

Graph 22.E
Distribution of Total Aircraft Movements at Air Traffic Controlled Airports
by Selected City, Ontario, 1978



Refer to Table 22.5

Table 22.1
Motor Vehicle Registrations¹, Canada, 1961–1977

	Passenger automobiles	Trucks and buses ²	Motorcycles	Mopeds	Other ³	Total
	'000's					
1961	4,325.7	1,079.2	34.4	..	77.8	5,517.0
1962	4,531.4	1,115.2	33.1	..	95.1	5,774.8
1963	4,788.9	1,144.2	37.2	..	104.4	6,074.7
1964	5,037.9	1,186.9	47.1	..	110.2	6,382.0
1965	5,279.4	1,231.7	74.0	..	113.7	6,698.8
1966	5,480.7	1,279.9	107.9	..	166.7	7,035.3
1967	5,865.7	1,312.7	125.7	..	177.9	7,482.0
1968	6,159.6	1,389.1	140.3	..	198.1	7,887.1
1969	6,433.3	1,461.6	138.4	..	220.9	8,254.2
1970	6,602.2	1,481.2	157.4	..	256.6	8,497.3
1971	6,967.2	1,556.6	198.9	..	299.5	9,022.1
1972	7,407.3	1,682.0	248.5	..	143.7	9,481.4
1973	7,866.1	1,843.9 ^r	287.8	..	160.6 ^r	10,158.4
1974	8,328.4	2,026.2 ^r	320.0	..	180.0 ^r	10,854.6
1975	8,692.8	2,177.4 ^r	327.0	29.5 ⁴	52.2 ^r	11,278.5
1976	9,016.3	2,311.7 ^r	341.3	54.5	55.6 ^r	11,786.3
1977 ^p	9,554.3	2,494.3	372.0	65.8	60.8	12,547.2

1) The statistics on road vehicle registrations shown in this table have been obtained from the twelve provincial and territorial governments across the nation, each of whom has its own distinct registrations system. Consequently, the content and comparability of these statistics varies considerably between the provinces and territories and over time. These differences are described in some detail in the Statistics Canada publication *Road Motor Vehicles – Registrations*, Catalogue number 53-219. Enquiries concerning these statistics should be directed to the Transportation and Communications Division, Statistics Canada, Ottawa, Ontario K1A 0T6 (Tel.: 613-996-9271).

2) Figures not complete as certain classes of trucks and/or buses have been included under passenger automobiles by some provinces. Also, a small number of automobiles used as delivery vehicles have been licenced as trucks in one province for the years 1961 to 1967.

3) Includes farm tractors (where registered), ambulances, etc.

4) Includes Nova Scotia, Prince Edward Island and Québec only.

Source: SC, *Road Motor Vehicles – Registrations*.

Table 22.2
Motor Vehicle Registrations, Permits Issued and Transfers, Ontario, 1976–1978

Registrations	1976	1977	Percentage increase or (decrease)	1978 ^p	Percentage increase or (decrease)
Passenger	3,341,845	3,490,477	4.4	3,594,127	3.0
Truck and Tractor	651,409	746,898	14.7	773,915	3.6
Bus	18,416	20,156	9.4	19,685	-2.3
Motorcycle	78,284	82,934	5.9	85,988	3.7
Trailer	526,436	553,008	5.0	572,837	3.6
Snow Vehicle	209,304	199,914	-4.5	203,877	2.0
Moped	12,390	11,825	-4.6	...	..
Permits Issued					
Dealers	5,020	5,405	7.7	6,349	17.5
Garages	15,309	14,885	-2.8	13,183	-11.4
Transfers					
Dealers	530,181	538,703	1.6	548,340	1.8
Paid	845,569	883,930	4.5	911,577	3.2
Unit Vehicle Transfers					
Dealers	102,815	111,482	8.4	131,994	18.5
Paid	118,104	128,257	8.6	143,613	12.2

Source: Ministry of Transportation and Communications, Vehicles Licensing Office.

Table 22.3
Highway and Road Mileages, Ontario, 1972–1977

	1972	1973	1974	1975	1976	1977
Kilometres						
King's Highway	15,725.7	15,775.8	15,766.9	15,784.9	15,823.6	15,896.3
Concrete	594.8	558.3	558.3	552.7	554.5	560.8
High-Class						
Bituminous	13,431.9	13,783.0	14,008.6	14,319.8	14,214.2	14,363.6
Low-Class						
Bituminous	1,228.5	1,242.5	1,008.5	817.5	920.7	850.4
Gravel and						
Crushed Stone	470.5	192.0	191.5	94.9	134.2	121.5
Secondary Highway	4,695.4	4,712.3	4,718.4	4,894.4	5,101.6	5,173.3
High-Class						
Bituminous	382.1	370.1	469.8	548.7	504.5	662.7
Low-Class						
Bituminous	1,224.6	1,224.6	2,527.1 ¹	2,496.0	2,942.1	2,844.3
Gravel and						
Crushed Stone	3,084.8	3,113.7	1,716.7 ¹	1,845.2	1,650.5	1,661.8
Earth	3.9	3.9	4.8	4.5	4.5	4.5
Tertiary Roads	350.0	362.5	589.7	396.4	324.7	406.0
High-Class						
Bituminous	39.3	39.3	37.0	–	–	2.7
Low-Class						
Bituminous	–	–	108.0 ¹	107.3	24.1	33.5
Gravel and						
Crushed Stone	310.7	323.2	444.7	289.1	300.6	369.8
County Roads	14,922.5	14,616.5	12,370.5	12,379.9	12,397.2	12,464.8
Concrete	77.2	74.2	69.2	57.3	57.3	21.7
High-Class						
Bituminous	6,356.5	6,383.1	5,719.7	5,867.7	5,991.3	6,238.0
Low-Class						
Bituminous	5,131.8	4,992.3	3,724.5	3,687.5	3,736.9	3,680.1
Gravel and						
Crushed Stone	3,355.4	3,165.2	2,851.3	2,763.8	2,608.8	2,511.5
Earth	0.6	0.6	3.1	3.1	2.4	13.2
Other	1.0	1.1	2.7	0.5	0.5	0.3
Regional Roads	3,176.3	3,613.7	6,037.4	6,484.8	6,580.4	6,849.0
Concrete	28.3	21.7	23.2	19.0	16.4	14.8
High-Class						
Bituminous	1,581.1	1,849.9	3,043.4	3,611.9	3,738.9	4,034.0
Low-Class						
Bituminous	1,001.0	1,125.7	2,114.2	2,036.4	2,086.8	2,127.0
Gravel and						
Crushed Stone	565.1	615.6	830.7	784.2	709.7	648.9
Earth	0.8	0.8	19.1	16.1	9.3	3.4
Other	–	–	6.8	17.2	19.3	20.9

Table 22.3 (cont'd)
Highway and Road Mileages, Ontario, 1972–1977

	1972	1973	1974	1975	1976	1977
Kilometres						
Metropolitan						
Roads	612.7	623.0	650.3	696.9	719.8	722.3
Concrete	2.9	1.8	1.8	–	4.5	4.7
High-Class						
Bituminous	600.8	615.3	643.4	686.1	709.0	711.3
Low-Class						
Bituminous	2.7	2.7	2.7	5.1	–	–
Gravel and						
Crushed Stone	2.9	0.6	0.6	3.9	2.9	2.9
Other	3.4	2.6	1.8	1.8	3.4	3.4
Organized						
Township Roads	81,286.5	81,121.4	77,597.9	78,017.0	75,013.6	75,189.9
Concrete	20.6	21.1	18.2	9.8	9.3	9.3
High-Class						
Bituminous	4,696.5	4,702.8	4,774.1	4,979.0	2,703.5	2,740.3
Low-Class						
Bituminous	6,069.3	6,466.7	6,305.2	6,733.2	6,626.6	7,006.1
Gravel and						
Crushed Stone	60,696.9	59,656.7	56,709.2	56,103.4	55,603.1	55,287.0
Earth	3,566.2	3,499.9	3,277.0	3,350.9	3,252.2	3,228.6
Other	6,237.0	6,774.2	6,514.2	6,840.7	6,818.9	6,918.6
Unorganized						
Township Roads	9,431.9	9,219.1	9,826.2	9,779.0	9,913.4	9,848.7
High-Class						
Bituminous	57.3	63.9	70.2	80.6	82.4	76.1
Low-Class						
Bituminous	44.9	80.8	95.4	106.5	141.9	182.7
Gravel and						
Crushed Stone	7,619.4	7,328.3	8,627.0	8,598.2	8,736.5	8,639.8
Earth	1,438.9	1,445.4	669.5	643.4	631.2	633.1
Other	271.4	300.7	364.1	350.3	321.4	317.0
City, Town and						
Village Streets	23,486.4	24,452.1	29,017.0	28,894.7	32,315.9	32,291.4
Concrete	801.6	398.5	391.2	382.6	455.1	314.3
High-Class						
Bituminous	9,414.1	10,367.9	11,515.6	12,078.1	15,197.0	15,360.9
Low-Class						
Bituminous	6,224.3	6,351.4	6,764.7	6,569.5	7,315.2	7,574.8
Gravel and						
Crushed Stone	5,245.8	5,426.7	7,845.6	7,428.0	6,856.7	6,556.1
Earth	484.0	552.2	600.5	422.4	459.5	377.6
Other	1,316.6	1,355.4	1,899.4	2,014.1	2,032.4	2,107.7
Total Road						
Mileages	153,687.4	154,496.4	156,574.3	157,328.0	158,190.2	158,841.7

1) These figures are the result of updated surface-type inventory.

Source: Ministry of Transportation and Communications.

Table 22.4

International and Mainline Domestic Flights, by Selected City, Ontario, 1977

	Arriving						
	Arriving load				Deplaned load		
	No. of flights	No. of passengers	Mail ('000's lbs.)	Cargo ('000's lbs.)	No. of passengers	Mail ('000's lbs.)	Cargo ('000's lbs.)
London	..	71,543	350	1,521	30,539	146	621
Scheduled Services	1,430	68,417	350	1,518	27,413	146	618
Domestic	1,077	54,403	341	846	23,098	140	320
International	-	-	-	-	-	-	-
U.S.	353	14,014	9	672	4,315	6	298
Other	-	-	-	-	-	-	-
International Charter	..	3,126	-	3	3,126	-	3
Ottawa International	..	1,101,848	7,957	10,012	801,007	5,776	6,508
Scheduled Services	16,609	1,091,510	7,957	10,012	790,669	5,776	6,508
Domestic	16,244	1,062,172	7,942	9,578	768,301	5,766	6,249
International	3	497	-	22	229	-	4
U.S.	362	28,841	15	412	22,139	10	255
Other	-	-	-	-	-	-	-
International Charter	..	10,338	-	-	10,338	-	-
Thunder Bay	..	267,321	1,553	4,372	182,783	1,297	3,198
Scheduled Services	4,662	267,321	1,553	4,372	182,783	1,297	3,198
Domestic	3,998	257,646	1,541	4,100	173,108	1,285	2,926
International	-	-	-	-	-	-	-
U.S.	664	9,675	12	272	9,675	12	272
Other	-	-	-	-	-	-	-
International Charter	..	-	-	-	-	-	-
Toronto International	..	6,132,919	36,554	206,060	5,832,963	32,640	179,323
Scheduled Services	64,063	5,583,856	36,554	204,472	5,283,900	32,640	177,735
Domestic	36,579	3,269,815	26,654	84,319	3,070,266	23,352	73,835
International	3,805	613,681	1,930	33,998	579,812	1,460	30,998
U.S.	23,679	1,700,360	7,970	86,155	1,633,822	7,828	72,902
Other	-	-	-	-	-	-	-
International Charter	..	549,063	-	1,588	549,063	-	1,588
Windsor International	..	160,419	964	1,396	136,647	854	1,059
Scheduled Services	2,755	144,667	964	1,227	120,895	854	890
Domestic	2,755	144,667	964	1,227	120,895	854	890
International	-	-	-	-	-	-	-
U.S.	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
International Charter	..	15,752	-	169	15,752	-	169

Table 22.4 (cont'd)
International and Mainline Domestic Flights, by Selected City, Ontario, 1977

	Departing						
	Enplaned load				Departing load		
	No. of flights	No. of passengers	Mail ('000's lbs.)	Cargo ('000's lbs.)	No. of passengers	Mail ('000's lbs.)	Cargo ('000's lbs.)
London	..	42,454	160	635	83,455	364	1,537
Scheduled Services	1,428	39,772	160	397	80,773	364	1,299
Domestic	1,075	33,401	77	330	65,914	179	998
International	-	-	-	-	-	-	-
U.S.	353	6,371	83	67	14,859	185	301
Other	-	-	-	-	-	-	-
International Charter	..	2,682	-	238	2,682	-	238
Ottawa International	..	801,058	9,671	5,739	1,101,888	11,853	9,242
Scheduled Services	16,616	786,236	9,671	5,739	1,087,066	11,853	9,242
Domestic	16,266	765,105	9,595	5,624	1,062,104	11,750	9,048
International	2	204	-	-	249	-	2
U.S.	348	20,927	76	115	24,713	103	192
Other	-	-	-	-	-	-	-
International Charter	..	14,822	-	-	14,822	-	-
Thunder Bay	..	185,621	636	1,024	270,044	892	2,197
Scheduled Services	4,651	185,621	636	1,024	270,044	892	2,197
Domestic	3,986	175,531	601	991	259,954	857	2,164
International	-	-	-	-	-	-	-
U.S.	665	10,090	35	33	10,090	35	33
Other	-	-	-	-	-	-	-
International Charter	..	-	-	-	-	-	-
Toronto International	..	5,829,350	46,428	161,195	6,129,191	50,333	187,720
Scheduled Services	64,033	5,242,191	46,428	157,414	5,542,032	50,333	183,939
Domestic	36,674	3,067,968	35,561	98,729	3,268,358	38,744	111,531
International	3,955	568,691	5,964	40,936	601,703	6,077	49,286
U.S.	23,404	1,605,532	4,903	17,749	1,671,971	5,512	23,122
Other	-	-	-	-	-	-	-
International Charter	..	587,159	-	3,781	587,159	-	3,781
Windsor International	..	134,707	485	1,853	158,479	595	2,191
Scheduled Services	2,746	119,195	485	1,776	142,967	595	2,114
Domestic	2,744	119,195	485	1,776	142,842	594	2,111
International	-	-	-	-	-	-	-
U.S.	2	-	-	-	125	1	3
Other	-	-	-	-	-	-	-
International Charter	..	15,512	-	77	15,512	-	77

Source: SC, *Airport Activity Statistics*.

Table 22.5

Distribution of Total Aircraft Movements at Air-Traffic Controlled Airports, by Selected City, Ontario, 1977 and 1978

1977	Airport				
	London	Ottawa International	Thunder Bay	Toronto International	Windsor
Total	162,523	201,758	90,890	243,173	78,533
Itinerant	61,797	84,604	38,804	232,745	32,089
Local	100,726	117,154	52,086	10,428	46,444
Distribution of Itinerant Movements					
Domestic					
Unit toll	11,041	35,301	10,836	81,559	5,438
Charter	269	1,237	256	5,981	325
Other commercial	12,541	13,312	16,355	21,054	13,841
Private	30,713	12,680	5,774	36,956	8,597
Government					
Civil	806	5,907	1,137	3,078	334
Military	477	9,789	1,705	366	139
Domestic - Total	55,847	78,226	36,063	148,994	28,674
International					
United States					
Unit toll	704	728	1,280	46,523	5
Charter	102	210	46	4,580	105
Other commercial	687	658	231	3,132	601
Private	4,386	3,399	1,092	16,415	2,437
Government					
Civil	15	242	1	48	9
Military	52	542	88	57	2
United States - Total	5,946	5,779	2,738	70,755	3,159
Other					
Unit toll	-	2	-	7,604	
Charter	2	216	3	5,204	253
Other commercial	-	13	-	67	1
Private	1	6	-	114	2
Government					
Civil	-	9	-	1	-
Military	1	353	-	6	-
Other - Total	4	599	3	12,996	256
Distribution of itinerant movements by type of operation					
Unit toll	11,745	36,031	12,116	135,686	5,443
Charter	373	1,663	305	15,765	683
Other commercial	13,228	13,983	16,586	24,253	14,443
Private	35,100	16,085	6,866	53,485	11,036
Government					
Civil	821	6,158	1,138	3,127	343
Military	530	10,684	1,793	429	141

Table 22.5 (cont'd)
Distribution of Total Aircraft Movements at Air-Traffic Controlled Airports, by Selected City,
Ontario, 1977 and 1978

1978	Airport				
	London	Ottawa International	Thunder Bay	Toronto International	Windsor
Total	174,782	209,060	96,280	260,877	78,735
Itinerant	65,951	89,365	42,065	249,237	32,652
Local	108,831	119,695	54,215	11,640	46,083
Distribution of Itinerant Movements					
Domestic					
Unit toll	11,145	37,548	10,643	81,492	5,926
Charter	347	1,545	192	6,654	289
Other commercial	12,672	15,860	19,386	31,095	13,489
Private	34,016	12,596	6,029	38,000	8,380
Government					
Civil	699	6,193	821	3,616	269
Military	445	8,965	2,098	436	156
Domestic - Total	59,324	82,707	39,169	161,293	28,509
International					
United States					
Unit toll	662	732	1,321	46,690	8
Charter	125	194	38	5,063	90
Other commercial	715	932	213	4,578	809
Private	5,070	3,364	1,167	18,834	2,967
Government					
Civil	8	212	1	37	13
Military	43	570	152	103	14
United States - Total	6,623	6,004	2,892	75,305	3,901
Other					
Unit toll	-	6	-	7,298	-
Charter	-	275	1	5,117	225
Other commercial	2	13	1	85	16
Private	2	8	2	136	1
Government					
Civil	-	13	-	1	-
Military	-	339	-	2	-
Other - Total	4	654	4	12,639	242
Distribution of itinerant movements by type of operation					
Unit toll	11,807	38,286	11,964	135,480	5,934
Charter	472	2,014	231	16,834	604
Other commercial	13,389	16,805	19,600	35,758	14,314
Private	39,088	15,968	7,198	56,970	11,348
Government					
Civil	707	6,418	822	3,654	282
Military	488	9,874	2,250	541	170

Source: SC, *Airport Activity Statistics*.

Table 22.6
Tonnage and Transits¹, St. Lawrence Seaway, 1959–1978

	Montreal-Lake Ontario Section		Welland Canal	
	Number of transits	Tonnage (tonnes)	Number of transits	Tonnage (tonnes)
1959	7,590	18,463,072	8,252	24,636,187
1960	7,387	18,425,546	8,007	26,535,318
1961	6,639	21,244,556	7,778	28,535,797
1962	5,963	23,218,514	7,248	32,120,600
1963	5,872	28,071,390	7,182	37,470,516
1964	6,440	35,661,151	8,051	46,619,658
1965	6,751	39,356,934	8,046	48,462,786
1966	7,031	44,679,018	8,428	53,771,255
1967	6,569	39,942,780	7,192	47,908,700
1968	6,296	43,503,732	6,998	52,685,381
1969	5,971	37,207,937	6,653	48,564,534
1970	5,973	46,397,082	7,001	57,034,673
1971	5,851	48,034,717	6,761	57,071,311
1972	5,884	48,607,722	6,621	58,147,328
1973	6,013	52,285,689	6,706	60,959,018
1974	4,113	40,049,654	5,090	47,500,958
1975	4,704	43,555,037	6,041	54,295,037
1976	4,859	49,349,271	5,892	58,369,427
1977	5,185	57,457,309	6,162	65,078,545
1978	5,262	56,942,680	6,605	65,670,992

¹ Tug and Barge combinations counted as one transit unit. Pleasure craft excluded. Non-toll traffic excluded.

Source: The St. Lawrence Seaway Authority, *Traffic Report of the St. Lawrence Seaway*.

Table 22.7

Saint Lawrence Seaway, Traffic Summary by Type of Cargo, 1969–1978

Saint Lawrence Seaway Traffic Summary by Type of Cargo								
	Agricultural Products		Mine Products		Processed Products		Misc. Cargo	Total Cargo
	Grains	Other	Coal and Coke	Other	Fuel Oil & Petroleum Products	Other		
'000's Tonnes								
Montreal - Lake Ontario Section								
1969	10,926	476	913	12,102	2,445	9,289	1,056	37,208
1970	17,539	423	747	15,209	2,816	8,695	968	46,397
1971	19,635	858	773	13,877	2,321	9,486	1,085	48,035
1972	20,645	660	784	13,181	2,979	9,573	756	48,608
1973	21,435	639	991	16,859	3,504	8,356	502	52,286
1974	14,316	357	1,366	15,962	1,945	5,755	350	40,050
1975	19,169	272	1,231	15,299	1,891	5,418	274	43,555
1976	18,471	284	1,966	20,539	1,589	6,144	355	49,349
1977	21,608	208	2,242	22,792	2,173	8,074	360	57,457
1978	27,736	149	3,427	15,657	2,370	7,262	342	56,943
Welland Canal Section								
1969	12,127	390	10,069	15,301	1,211	8,558	909	48,565
1970	18,893	296	10,180	17,460	1,294	8,040	872	57,035
1971	20,884	712	8,836	15,451	1,142	9,043	1,004	57,071
1972	21,632	532	9,559	15,777	1,270	8,677	701	58,147
1973	22,592	563	7,976	19,524	2,020	7,724	561	60,959
1974	15,708	238	6,327	18,071	1,163	5,539	455	47,501
1975	20,577	205	8,504	18,400	1,111	5,025	473	54,295
1976	19,458	203	8,491	23,170	777	5,766	506	58,369
1977	22,809	153	8,836	23,725	1,070	8,000	486	65,079
1978	28,916	97	7,934 ¹	19,614	1,298	7,336	476	65,671

1) The 1978 figure includes Anthracite and Bituminous Coal.

Source: The St. Lawrence Seaway Authority *Statistics*.

Table 22.8

Saint Lawrence Seaway—Gross Registered Tonnage of Traffic, Vessel Transits and Revenue, 1969–1978.

	Gross Registered Tonnage			'Vessel Transits				Total	Revenue
	Cargo Vessels	Non-Cargo Vessels		Loaded Cargo Vessels ¹	Ballast Cargo Vessels	Non-Cargo Vessels	Non-Toll Vessels ¹		
	'000's			Number					\$'000's
Montreal–Lake Ontario Section									
969	42,804	203	43,007	4,492	1,274	626	285	6,677	21,456
970	44,990	121	45,112	4,787	1,114	376	423	6,700	25,436
971	49,491	80	49,571	4,676	1,176	207	302	6,361	27,407
972	50,047	71	50,118	4,576	1,205	155	448	6,384	27,301
973	51,491	247	51,738	4,533	1,291	301	352	6,477	27,894
974	37,863	170	38,033	3,246	763	251	381	4,641	21,320
975	44,015	89	44,104	3,508	999	197	544	5,248	22,592
976	48,157	110	48,267	3,791	871	197	496	5,355	25,813
977	54,008	97	54,105	4,185	809	191	331	5,516	30,769
978	58,529	224	58,753	3,994	1,086	182	84	5,346	33,211
Velland Canal Section									
969	57,438	201	57,639	4,937	1,640	286	74	6,937	2,494
970	62,554	210	62,764	5,136	1,688	287	72	7,183	3,533
971	64,168	140	64,308	5,011	1,588	255	71	6,925	4,332
972	66,142	101	66,244	4,882	1,691	195	48	6,816	4,243
973	66,004	265	66,270	4,818	1,709	288	65	6,880	4,232
974	50,935	158	51,093	3,617	1,300	254	90	5,261	3,177
975	61,312	233	61,545	4,059	1,653	329	80	6,121	3,720
976	61,875	109	61,984	4,249	1,369	274	59	5,951	3,789
977	65,587	138	65,726	4,640	1,290	232	61	6,223	4,031
978	73,875	165	74,039	4,587	1,799	219	21	6,626	18,291

¹ 1977 and previous years include transits of seaway owned vessels.

Source: The St. Lawrence Seaway Authority Statistics.

Table 22.9

Revenue Freight Receiving Initial (or Final) Canadian Rail Haul, Ontario, 1973-1977

	Total freight traffic (initial haul)	Grand total	Unloaded from railway cars in Ontario	Delivered to U.S. rail
	Tons	Per cent	Tons	
Live animals				
1973	15,134	.020	97,631	889
1974	15,848	.020	140,992	120
1975	3,673	.005	170,897	50
1976	3,939	.006	119,730	110
1977	2,175	.003	82,282	200
Food, feed, beverages, and tobacco				
1973	7,786,668	10.730	14,790,232	1,836,099
1974	8,707,621	11.213	14,992,923	1,602,834
1975	7,003,717	10.644	16,267,848	1,168,899
1976	7,279,645	10.534	15,510,259	1,213,941
1977	7,190,098	10.365	15,790,583	1,066,220
Crude materials, inedible				
1973	33,093,572	45.601	30,065,154	3,075,615
1974	34,710,319	44.697	31,594,291	3,291,798
1975	30,346,072	46.120	28,411,075	2,285,616
1976	31,604,800	45.734	29,900,066	2,459,787
1977	31,543,444	45.470	29,348,941	2,012,243
Fabricated materials, inedible				
1973	19,470,136	26.829	13,471,760	11,093,304
1974	21,314,100	27.446	15,116,079	12,306,165
1975	16,266,007	24.721	12,175,691	10,573,339
1976	16,726,331	24.204	13,155,096	13,069,729
1977	17,885,925	25.783	13,015,508	14,206,045
End products, inedible				
1973	8,200,580	11.300	2,975,980	3,559,256
1974	8,285,674	10.670	3,179,701	3,089,612
1975	8,173,536	12.422	2,881,049	2,899,734
1976	8,637,409	12.499	3,120,240	3,056,781
1977	8,013,714	11.552	2,823,143	2,919,308
Special types of traffic ¹				
1973	3,440,175	4.740	2,295,414	269,284
1974	3,773,871	4.860	2,651,898	338,837
1975	3,562,215	5.414	2,256,853	254,308
1976	4,499,514	6.511	3,029,080	343,062
1977	4,376,487	6.309	2,915,527	323,944
Grand Total, Carload Traffic				
1973	72,006,265	99.220	63,696,171	19,834,447
1974	76,807,433	98.906	67,675,884	20,629,366
1975	65,355,220	99.326	62,163,413	17,181,946
1976	68,751,638	99.488	64,834,471	20,143,410
1977	69,011,843	99.482	63,975,984	20,527,960
Non-Carload Shipments				
1973	565,850	.780	442,096	11,813
1974	849,597	1.094	646,038	21,089
1975	443,557	.674	226,934	1,772
1976	353,988	.512	167,125	2,349
1977	360,181	.518	170,744	1,759
Grand Total, Carload and Non-Carload Traffic				
1973	72,572,115	100.000	64,138,267	19,846,260
1974	77,657,030	100.000	68,321,922	20,650,455
1975	65,798,777	100.000	62,390,347	17,183,718
1976	69,105,626	100.000	65,001,596	20,145,759
1977	69,372,024	100.000	64,146,728	20,529,719

Table 22.9 (cont'd)

Revenue Freight Receiving Initial (or Final) Canadian Rail Haul, Ontario, 1973-1977

	Loaded onto railway cars in Ontario	Loaded onto railway cars in Ontario	Received from U.S. rail	
			Destined to Canadian Points	Destined to U.S. points
	Number of cars		Tons	
Live animals				
1973	738	14,083	238	813
1974	766	15,474	240	134
1975	175	3,321	302	50
1976	132	3,364	475	100
1977	84	1,822	153	200
Food, feed beverages, and tobacco				
1973	83,197	3,695,186	1,961,563	2,129,919
1974	96,722	4,553,463	2,313,038	1,841,120
1975	89,497	4,395,141	1,365,156	1,243,420
1976	81,905	4,041,107	1,791,041	1,447,497
1977	81,019	3,993,906	1,833,060	1,363,132
Crude materials, inedible				
1973	424,840	29,417,541	3,187,341	488,690
1974	434,923	30,600,713	3,537,264	572,342
1975	371,417	27,303,551	2,648,304	394,217
1976	377,568	28,536,205	2,627,844	440,751
1977	377,164	28,376,302	2,700,950	466,192
Fabricated materials, inedible				
1973	253,343	14,213,388	2,981,730	2,275,018
1974	274,157	15,384,750	3,938,869	1,990,481
1975	216,969	12,281,678	2,536,024	1,448,305
1976	208,599	12,496,511	2,744,886	1,484,934
1977	222,542	13,623,277	2,745,493	1,517,155
Food products, inedible				
1973	187,542	4,014,527	2,328,206	1,857,847
1974	188,349	4,073,993	2,646,805	1,564,876
1975	180,492	4,688,446	2,337,256	1,147,834
1976	188,041	4,811,602	2,668,612	1,157,195
1977	184,195	4,488,141	2,475,030	1,050,543
Special types of traffic ¹				
1973	149,307	3,021,434	301,746	116,995
1974	165,996	3,281,116	376,209	116,546
1975	136,412	3,120,291	360,686	81,238
1976	146,288	3,879,137	549,262	71,115
1977	140,548	3,903,370	410,533	62,584
Grand Total, Carload Traffic				
1973	1,098,967	54,376,159	10,760,824	6,869,282
1974	1,160,913	57,909,509	12,812,425	6,085,499
1975	994,962	51,792,428	9,247,728	4,315,064
1976	1,002,533	53,767,926	10,382,120	4,601,592
1977	1,005,552	54,386,818	10,165,219	4,459,806
Non-Carload Shipments				
1973	...	532,992	26,954	5,904
1974	...	795,556	47,864	6,177
1975	...	436,805	6,069	683
1976	...	353,633	311	44
1977	...	359,842	301	38
Grand Total, Carload and Non-Carload Traffic				
1973	...	54,909,151	10,787,778	6,875,186
1974	...	58,705,065	12,860,289	6,091,676
1975	...	52,229,233	9,253,797	4,315,747
1976	...	54,121,559	10,382,431	4,601,636
1977	...	54,746,660	10,165,520	4,459,844

Excludes railway-owned (Plan II) trailers and containers for which data are included under appropriate commodities according to trailer or container contents.

Source: SC, Railway Freight Traffic.

Unit Conversion

Unit Conversion Table

	Unit	Converted Equivalent
Length	1 inch	2.540 centimeters
	1 foot	3.048×10^{-1} meter
	1 mile	1.609 kilometers
Area	1 square inch	6.452 square centimeters
	1 square foot	9.290×10^{-2} square meters
	1 square mile	2.590 square kilometers
	1 square mile	640 acres
	1 acre	4.356×10^4 square feet
	1 acre	4.047×10^{-1} hectare (square hectometer)
Volume	1 cubic inch	16.387 cubic centimeters
	1 cubic foot (Br.)	2.832×10^{-2} cubic meters
	1 cubic foot (Br.)	6.229 gallons (Br.)
	1 cubic foot (Br.)	7.481 gallons (U.S.A.)
	1 gallon (Br.)	1.605×10^{-1} cubic foot
	1 gallon (Br.)	4.546 liters
Mass	1 pound	4.536×10^2 grams
	1 long ton (Br.)	1.016 metric tonnes
	1 short ton (Br.)	0.907 metric tonnes
Density	1 lb./cubic foot	1.602×10^{-2} gram per cubic centimeter
	1 gm/cc	62.43 lbs. per cubic foot
Work and Energy	1 British Thermal Unit (BTU)	2.930×10^{-4} kilowatt hour
	1 kilowatt-hour	3.413×10^3 (BTU's)
Power	1 horse power	7.070×10^{-1} BTU per second
	1 horse power	7.457×10^2 watts
	Kilowatt	9.483×10^{-1} BTU per second
	Kilowatt	1.341 horse power

Census of Population — Data Quality

Data from the Canadian Census of Population are used in several sections throughout this publication. Data quality is an important factor which should be considered with regard to these data. The comments on data quality relate to 1976 data; information may be obtained from Statistics Canada for earlier Censuses and for additional details on random rounding.

Confidentiality and Random Rounding — The aggregated data from the 1971 and 1976 Censuses have been subjected to a confidentiality procedure known as "random rounding" to prevent the possibility of associating small figures with any identifiable individual. Under this method, all figures including totals are randomly rounded (either up or down) to a multiple of "5". This technique provides strong protection against direct, residual or negative disclosures without adding significant error to the census data. However, since totals are independently rounded they do not necessarily equal the sum of individual rounded figures in distributions. Also, minor differences can be expected for corresponding totals and cell values in various census reports. Similarly, percentages, which are calculated on rounded figures, do not necessarily add to the total. Percentage distributions and rates for the most part are based on rounded data, while percentage changes and averages are based on unrounded data.

Overage Error — A coverage error occurs in the census whenever a person or a household is missed completely or counted more than once. Since overcoverage is fairly rare in relation to undercoverage, the net effect of such errors is to introduce a downward bias in census figures, so that the published census estimates tend to underestimate the actual population. A special study was undertaken in relation to the 1976 Census to measure the extent of the bias due to undercoverage. This study estimated the over-all undercoverage rate to be of the order of 2% of the total population.

Evidence from studies of coverage errors in earlier censuses indicates that undercoverage is not evenly distributed throughout the population but tends to be higher in certain segments of the population, e.g., young male adults, recent immigrants.

Response Rates — The table below presents the response rates obtained in the 1976 Census for the stated characteristics. A response rate is defined as the number of times the value of the characteristic was obtained divided by the number of times it should have been obtained.

These response rates are published in order to give an indication for each characteristic, of the proportion of cases which required imputation for non-response.

Response Rates for Selected Census Characteristics, 1976

Characteristics	Response Rate(%)
Mother Tongue	98.1
Age	98.4
Marital status	98.0
Sex	98.6

¹ As imputation for non-response was not carried out for mother tongue, the response rate for mother tongue is the percentage of persons in the given language categories excluding the "not stated" category.

Total Standard Error – The measures of reliability given in the table below are estimates of the total standard error (TSE) of the published 1976 Census figures. These include the effects of sampling (where applicable) as well as the random or non-systematic components of response and processing errors. The total standard errors, however, do not include allowances for systematic errors such as coverage errors, biases due to similar misinterpretations of concepts by many respondents, or systematic processing errors. These estimates of reliability are published to give an indication of the level of error only and are not meant for use in hypothesis testing or detailed analysis.

Users wishing to obtain TSE estimates for a given cell of data in any table should follow these procedures:

1. Determine if the table is based on the complete census or on the one-third sample.
2. Determine the categories defining the cell. In some cases, this may be just a single category (e.g., age 25-29), while for a cell in a cross-classification involving several variables, there may be several categories (e.g., married males aged 25-29).
3. Referring to the TSE table locate the cell-defining category which presents the highest value. Any column can be used for this comparison. For those categories where both 100% and sample TSE values are shown, use only the 100% rows for tables based on the complete census and only the sample rows for tables based on the one-third sample (see step 1).
4. Choose the column in the TSE table whose heading is closest to the value of the given cell in the census table. Approximations for intermediate values may be achieved by linear interpolation.
5. Read off the figure from the row (determined in step 3) and column (determined in step 4) of the TSE table.

When using these figures, the user can be reasonably certain that, for the enumerated population, the true value (discounting systematic and coverage errors) lies within plus or minus twice the total standard error (e.g., for a figure of 100 with a hypothetical TSE of 3, the range would be 100±6) and virtually certain that it lies within plus or minus three times the total standard error (e.g., for the same figure of 100 with a hypothetical TSE of 3, the range would be 100±9).

Size of Census Figure

Characteristics	50	100	200	500	1,000	2,000	5,000	10,000	20,000	50,000	100,000	500,000	1	Million 2	5	10
Marital status																
Married and separated																
Married	5	7	10	16	22	31	49	69	98	155	219	490	687	979	1,548	2,188
Single (never Married), Separated, Widowed, Divorced	8	10	14	23	33	46	72	103	145	229	324	724	1,053	1,649	2,607	3,687
Age																
Under 15																
years of age	9	12	18	28	39	56	88	125	176	279	395	882	1,248	1,764	2,790	-
15 years of age and over	5	7	9	15	21	30	47	66	93	148	209	467	661	934	1,477	2,089
Sex																
Male	6	9	12	20	28	39	62	88	125	197	279	624	882	1,247	1,972	2,789
Female	6	8	12	19	27	38	60	85	120	190	269	601	850	1,202	1,900	2,687
Mother Tongue																
English	8	12	17	26	37	53	83	117	166	263	372	831	1,175	1,661	2,627	3,715
French	8	12	17	27	38	53	84	119	169	267	377	844	1,193	1,687	2,668	-
Other ²	13	19	27	42	60	85	134	190	268	424	600	1,342	1,898	2,684	-	-
Group 1 ³	5	8	10	15	24	34	51	72	102	157	222	-	-	-	-	-
Group 2 ⁴	11	16	22	35	50	70	111	157	222	366	519	1,053	-	-	-	-

1) These correspond to the reliability measures that were presented as root mean square errors or reliability estimates in the 1971 Census publications

2) To be used for the single category defined as all mother tongues, other than English, French and Not stated.

3) To be used for any one of Baltic languages, Czech and Slovak, Magyar (Hungarian), Native Indian, Netherlandic and Flemish, Scandinavian and Spanish.

4) To be used for any mother tongue other than English, French and those listed in Group 1.

Historical Statistics

Period of French Exploration and Control (1611–1760)^{1,2}

French exploration in the 16th century did not immediately lead to their systematic settling of the North American continent. However, the appearance of fur as a trading commodity changed this. Sieur de Monts, given exclusive rights to fur trade between the 46th and 40th parallels, instructed Samuel de Champlain to found a settlement on the St. Lawrence river. In July of 1608 Champlain arrived at a point facing Cap Diamant below which he built the Quebec Habitation.

It was in 1611 that the first European entered what is now Ontario, when Etienne Brulé explored the Ottawa river. Champlain followed, travelling as far as Lake Ontario shortly afterwards. The French gradually opened the fur trade route of the Ottawa River leading to the Great Lakes, and made allies of the Huron and Algonquin Indians. The latter, dwelling along the banks of the Ottawa River, acted as intermediaries between the French and the tribes further to the west. In this manner, and through the pioneering efforts of the Jesuit missionaries at Fort Saint Marie, the French first took control of the Great Lakes area. However, the French-Dutch, English and Huron-Iroquois rivalries coupled with the weakening of the Huron nation through European diseases, (against which the natives had no immunity), worked to destroy this form of commercial network. In 1648 the Iroquois ravaged Huron territory and attacked the French; by about 1660 the process of dissemination was complete.

The network was eventually rebuilt, under the Royal Administration of Louis XIV and the protection of the Carignan Salières Regiment. By 1665 the French had sent explorers and traders inland, to make direct contact with the tribes supplying furs. New trade centres arose, with protection provided by forts. French dominated trade extended even beyond the Great Lakes but, the renewed assertion of the French commercial influence, led to overproduction of pelts and increased rivalry in the fur trade.

In 1668, des Groseilliers, with an English expedition, reached Hudson's Bay by sea. This led to the formation of the Hudson's Bay Company in 1670. The English thus sought to seize the rich fur producing regions in the north from French hands. The attempt was repulsed at sea in 1690 by d'Iberville. Thus, at the onset of the eighteenth century France, controlled most of the Great Lakes area and north eastern parts of North America. Defeat of France in Europe, however, leading to the Treaty of Utrecht in 1713 and annulment of French colonial victories in North America provided a severe blow. This was countered for a while by the construction of the Louisbourg fortress, Fort Niagara and other forts in an attempt to retain control over the Gulf and the Great Lakes, thereby keeping the English confined to the Atlantic and James Bay coasts. New France could not continue to keep ascendancy against the thirteen American colonies and Great Britain and eventually capitulated to Britain after defeats at Quebec in 1759 and Montreal in 1760.

It is apparent that despite considerable natural obstacles, strong competition from the Dutch and the English and danger from the Iroquois, New France had made considerable progress towards establishing a strongly based colony. The growth of this early bridgehead of inland development is illustrated by selected data pertaining to human and livestock population prior to the advent of British rule.

British Rule to Confederation (1760–1867)

The next phase in development begins essentially in 1760 with the British Conquest of Montréal. The Treaty of Paris in 1763 ratified the takeover and replaced military with colonial rule. The historical focus in this period is on the provinces of Lower and Upper Canada (Constitutional Act 1791): the former identifying with what is now Québec; and the latter with Ontario. Problems of boundary definitions at the beginning of this period are illustrated by R. Rolt:

“Canada is computed by some to be as extensive as one-half of Europe as it extends from 39° to 65° latitude; this is from Lake Erie to the north of Hudson's Bay, and in longitude from the river Mississippi to Cape Race in Newfoundland. But others extend it from the 25° to the 53° north latitude; and from 76° to 93° of west longitude; being bounded on the north by the land called Labrador or New Britain; on the east by the Northern Sea and New England; on the south by Florida and in the west by New Mexico.

With unknown tracts to the north of it: The great river of St. Lawrence which is twenty-two leagues broad at the mouth, and whose source is not perfectly known, though traced through more than 800 leagues up the country, almost entirely crosses Canada; forming in its course several great lakes, some of which are of such extent that they may be taken for seas. Canada in its largest sense is divided into Eastern and Western, the former of which is commonly known by the name Canada, or New France; and the latter Louisiana."³

Obviously, Canada did not always mean the same thing to all people. For our purposes, though, the well understood terms "Upper Canada", and "Lower Canada", are considered the most suitable for use in statistical descriptions covering this period. However, it should be mentioned that as a result of Lord Durham's report, produced in response to civic unrest in Upper Canada, Canada was formally constituted as one province in 1840 (Act of Union). The province contained two components called Canada East and West. These are geographically identified with Lower and Upper Canada respectively. This arrangement continued only until 1867 when, under the British North America Act, the Dominion of Canada was formed, consisting of four provinces: Nova Scotia, New Brunswick, Québec and Ontario. Where "Canada" is used herein to refer to pre-confederation data this should therefore be taken to mean the region which comprised both Upper and Lower Canada (or West and East Canada).

Selected statistics for this period cover human population, agriculture and secondary industry. In addition, brief comments for specific socio-economic aspects of societal development follow.

At the time when Gourlay carried out his Statistical Survey of Upper Canada, 158 townships in Upper Canada had been incorporated into 8 districts (1798 Parliament)⁴. Property taxes from these same districts in 1811 amounted to only £4,133 16s 7d since crown revenue from customs duties were available to defray most provincial expenses.⁵ Following the War of 1812, however, additional duties had to be levied to meet rising costs and the expenses incurred in new programs and district reorganizations. The substantial increase in the provincial property tax is evident in the amount of local taxes collected in the selected years 1825, 1835, and 1845 which were reported as £10,235 8s 2d, £22,464 8s 4d and £76,291 10s 6d, respectively.⁶ Together with various other income such as customs and tonnage duties, the government's gross revenue for 1845 was quoted to be £573,730 3s 6d⁷.

In 1849, Government expenditure in the form of grants was £10,141 19s (revenue in that year amounted to £593,119 2s 1d) of which £6,371 14s were given towards the support of over 2,800 schools.⁸ Additional income, required by the school boards of the 20 districts that had, by then, been incorporated, was collected at the local level in a system of district taxation. The amount should also have been considerable since Smith reports that in 1850, one year later, £82,425 5s 6d was paid to the teachers of 151,891 pupils in 3,059 schools.⁹

The remaining portion of the government grants, £3,770 5s⁸, was paid out to Agricultural Societies, of which Smith had said:

"Agricultural Societies are established in every district. They are generally well supported and have been the means of improving the quality of stock in the province, by stimulating competition amongst the farmers. These societies receive liberal support from the Provincial Government, and, by the impetus they have given to farming operations, have caused a better system of husbandry to be introduced into many localities."⁹

The government's largest apportionment of funds was directed to public works, which totalled £3,520,087 13s 10d by 1849.¹⁰ Very considerable works had been carried out by then to open up the land to settlers and to facilitate trade. Trade routes, based on the Great Lakes and St. Lawrence, were expanded by canal building, the most important of which were the Welland and St. Lawrence Canals, each costing in excess of £1,000,000.¹¹ They made it possible for large ships to navigate from Lake Erie to the mouth of The St. Lawrence and to the Atlantic. Railway building had also commenced, about 1836, with the Laprairie-St. John's route, and peaked in the period before 1885.¹²

The Native population generally had very much less impact than during the French regime. Following the initial period of military conflict, when their loyalties were much needed, it became government practice to issue every Indian annual presents in the form of a quantity of equipment commensurate to his or her rank (chief, warrior, wife or child) and status (war disabled and widowed). The number of persons receiving presents each year in Upper Canada in the period 1834 to 1840 is reported as varying between 7,706 and 14,670.¹³ Annuities were also paid in this period upon the large tracts of Indian land. The Chippewas of Chenail Ecarte and St. Clair for example, numbering 1,129 persons, received an annuity of £1,100 for the surrender of 2,200,000 acres on April 26, 1825.¹⁴ They were left with 17,950 acres.¹⁵ Surrenders of land by the other bands were similar in kind. Native health suffered severely in these times as the incidence of consumption, contagious erysipelas, small-pox and alcoholism increased significantly.¹⁶

The health of the settler population was reported to have been generally satisfactory although the climate was termed "destructive to personal appearance".¹⁷ The settlers' major difficulty was in adapting to an entirely new environment to which many had only recently immigrated.

Immigrants landing at Québec City numbered 12,500 in 1819, (about half of whom moved on to Upper Canada) and in the 1816–20 period another 27,000 immigrants were estimated to have entered Upper Canada.¹⁸ The mid 19th century Census figures indicate how substantial was the impact of immigration. Lower Canada's 1844 population by place of birth was given as follows: French Canada 524,244; English Canada 85,660; United States 11,946; England 11,895; Ireland 43,982; Scotland 13,393; other 1,329; birth place not given 4,635.¹⁹ In Upper Canada in 1851–52, the population by place of birth was:²⁰

Canada	Ontario, French	26,417	United States	43,732
	Not French	525,719		
	New Brunswick	2,634	Germany	9,938
	Nova Scotia	3,785		
	Newfoundland	79	France	1,007
England and Wales		82,699	Other	605
Ireland		175,963		
Scotland		75,811	Birth Place not given	1,574

During this period government had progressed from Royal Administration by governor to representative organization. However, although under the Constitutional Act, government consisted of a Representative Assembly elected by the people and an Executive Council, the latter retained financial control and could act independently of the elected representatives. Under this conditions there arose in each province a governing class or clique, known in Upper Canada as the Family Compact, which normally controlled the executive government and, by its control of nominations to the Legislative Council, was able to impose a veto on legislation as well. As a result, opposition to the act arose in the form of a Liberal movement. This was discernable before the war of 1812 and lead in stages to armed rebellion in 1837 by radical Reformers under William Lyon Mackenzie. The rebellion collapsed, but it brought the complaints of the people to the attention of the imperial authorities, Lord Durham was appointed to investigate causes of the conflict.

In 1839 Lord Durham presented his 3 volume report to the British Government. This famous but controversial document was instrumental in producing very substantial reforms. Initially, these were to reunite Upper and Lower Canada under a combined administration and to grant conditions of responsible government in which the executive government was to be responsible to the legislature. The idea of self-government was opposed until Lord Elgin, Durham's son-in-law, agreed to abide by the decisions of the Assembly. At this time the foundations of our current party politics were being laid and the ideas of confederation expressed. Conferences in Charlottetown and Quebec City led to the development of the British North America Act, thus creating the federal union known as the Dominion of Canada. In this manner, in 1867, Canada had combined the advantages of central government with those of local autonomy, and had the organizational means available for sound political development embracing all the British colonies in North America.

Ontario After Confederation (1867 - 1979)

During this stage of the history of Ontario not only has Canada developed soundly as a vast nation but rapid technological and economic growth has continued from the latter part of the pre-confederation period, and many important legislative innovations have occurred. Canada's international status has grown (eg. as part of NATO and as an original member of the United Nations) and the nation is developing responses to personal issues that have arisen from this fast rate of growth. These matters are discussed below, technology is covered under the headings of "Industry" and "Transportation and Communications". This is then followed by comments on some of the Economic and Social factors.

Industry

The earliest industries to develop in Ontario were related to resources of the land. Sawmills and Grist Mills were initially very prominent. In the period 1851 to 1871 rapid industrial development occurred (see Table H-5). Business associated with clothing grew particularly quickly (Boots and Shoes, Tailors and Clothiers and Wool Cloth Making industries). As transportation corridors developed, industries of all types arose. There was a sharp increase in the number of horses per head of population and the effect of increased mobility is evident from the growth in the Carriage Making and Blacksmithing industries.

Remarks below show developments on four important manufacturing industries in Canada, supported in this century by an energy supply system which has increasingly used electrical power, originally from relatively inexpensive hydraulic sources.

Initially, the Canadian forest industries supplied British naval dock-yards in Canada and by 1800, Canadian timber reached the British consumer market. This export trade was enhanced as a result of the Napoleonic blockade of Continental Europe and later due to the Commonwealth preferential tariff. As North America became settled, the domestic market and the U.S. export market began to grow. By mid 19th century, with the Reciprocity Treaty in effect, the lumber and sawlog trade with the U.S. was flourishing. The cut of red and white pine lumber from Crown Lands in Ontario peaked in 1970 with approximately 5.4 million cubic metres being cut. In the twentieth century there was a dramatic growth in pulp and paper mills. Between 1910 and 1925 there was a 700 per cent growth in exports to the U.S. with 1925 exports totalling \$89.1 million. By 1952, factory shipments had increased to \$343 million and by 1962 to \$509 million. In 1963, the newsprint trade with the U.S. was valued at \$636 million.²¹

Textiles was an important industry in Ontario. By 1871, Ontario woollen and cotton textile mills employed 5.2 per cent of the Ontario labour force in manufacturing, while wool cloth making was the seventh largest manufacturing industry by 1870²². These industries enjoyed considerable growth in the 1850's and 1860's due to improved transportation to the U.S. markets. During the American Civil War, Ontario was one of the primary suppliers of cotton textiles to the northern states, their cotton supply from the southern states having stopped. The abrogation of the Reciprocity Treaty in 1866 and the end of the Civil War caused many hardships for the Canadian textile industry. The American industry made a remarkable recovery and left the Canadian industry with mills that, even as late as 1882, could still produce enough common class of cotton to meet the needs of twice the Canadian population. This situation was slowly remedied as many manufacturers bought new machinery to diversify their range of products, and as some plants were amalgamated. The result of fewer, larger mills was increased efficiency, lower prices and better wages. In 1925, synthetic textile production began in Ontario along with a modernization of existing plants and in 1942 nylon production was commenced. Following a decline in the 1950's, another equipment modernization phase occurred and economic conditions for the industry improved such that the cotton and wool textiles output recovered to their 1949 levels of production. Also, synthetics production rose from 185 per cent of 1949 production in 1961 to 300 per cent in 1964²³.

More recent important industrial developments in Ontario have been in the form of steel production and automobile manufacturing. Initial attempts at steel production in Ontario began in 1800. However, due to the pioneer economy of the time and its consequent lack of resources and population, there was little support for an iron and steel industry. It was not until 1879 that a national steel industry received encouragement through tariff protection. Subsequently, by 1895 the first blast furnace in Ontario was built in Hamilton in 1897, a steel plant was added and by 1900 the first open-hearth steel was produced. By 1905, an estimated 150,000 net tons of crude steel was produced. By 1940, this figure had increased to 1,512,000 net tons and by 1962 it had reached 5,963,000 net tons²⁵.

The motor vehicle industry in Ontario began in Windsor in 1904²⁴ when "a group of Canadian businessmen obtained the rights to produce and distribute Fords in the British Empire outside the U.K. . . ." In its first year, it produced 117 vehicles and scored a success in 1908 with the introduction in Canada of the "Model T". With healthy economic conditions prevailing in the early 20th century, many former carriage-makers and others turned to manufacturing automobiles. It was soon evident that the Ontario motor vehicle was an extension of the American industry and Ontario became primarily engaged in component parts manufacturing. In 1914, the assembly line technique of mass production was introduced and within a decade the Canadian industry was committed to the volume production of mass-market cars. In 1917, the industry produced 93,810 units and by the mid 1920's this had risen to well over 200,000 units. In 1929, 262,000 units were produced with 101,000 of those being for export. The depression of the 1930's saw stagnation in the industry and production ran at 15 per cent of capacity in 1932. Between 1933 and 1937, the value of production increased 220 per cent. World War II brought a demand for all forms of wheeled or tracked vehicles and Canada supplied this demand. For instance, in 1942, 216,000 vehicles of over 100 different types were produced for the Commonwealth war effort. The post-war reconversion was spurred by demand for all types of vehicles and by 1948, the 1929 production had been surpassed with 264,000 units turned out²⁵.

Transportation and Communication

From the earliest times transportation has been of utmost importance in developing Canada. Initially the birch-bark canoe provided invaluable service – but technology has enabled us to make a very much more extensive use of Canada's expanse of inland waterways. Canal building to facilitate larger vessels to navigate the St. Lawrence and the Great Lakes has provided great economic benefit. Initially during this period transportation improvements were centred on attracting lake traffic away from American ports (primarily New York via the Erie Canal) and directing it along the St. Lawrence. To this end, the Welland Canal, originally opened in 1829, was deepened to 4.27 metres, the St. Lawrence canals were improved to handle all the needs of existing lake vessels and a canal was built at Sault Ste. Marie to handle the wheat of Western Canada²⁶.

In 1913, the first official move toward improvement of the St. Lawrence came from the U.S. when they adopted a resolution to enter into negotiations with Great Britain for improvement of navigation in the St. Lawrence. After much delay in starting construction the project was finally completed in 1959 thereby allowing ocean-going vessels to advance as far as Thunder Bay.²⁷

Roads were originally required for military purposes. Regular troops and militia built such roads as Dundas Street and Yonge Street, and as government assistance for road building was meagre, the construction and operation of toll-roads and bridges became common.²⁹

With the coming of the railways and the improvement in lake and canal transportation, the roads fell into disrepair for several decades. In 1894, the Ontario Good Roads Association was organized and they encouraged the Ontario Government to make changes and improvements. In 1896 a "Provincial Instructor in Road Making" was appointed, and in 1901 the Highway Improvement Act was passed. This act provided for a one million dollar a year Government subsidy to be granted to organized counties to cover one-third of the cost of improvement of roads so as to meet Government Standards. In 1917 the Toronto-Hamilton Highway was begun thereby initiating modern roadways in the province. In 1930, the "King's Highway" system came into being and by 1945 there were 12,297 km. of roads in the system and 13,776 km. of county roads.²⁹

One of the major reasons for improvement of roads in the province was the introduction of the automobile. Licencing of motor vehicles in Ontario began in 1903 when 178 automobiles were registered. By 1930, the number had risen dramatically to 490,906 with total motor vehicle registration of 562,506. By 1960, the total registration of motor vehicles had reached 2,062,484 of which 1,640,346 were for automobiles and 320,190 for trucks, trailers and buses.²⁹

Railways, facilitated rapid land transportation of freight and passengers, and were able to link parts of Canada for greater economic and political unity. During the 1850's 3,219 km of railway track were laid in Ontario. By 1916, there were 17,788 of single track. Since 1916, the number of kilometres of operational track has varied slightly from year to year but a general trend toward fewer kilometres was apparent by 1939 when there were 17,009 km of track, which had further decreased to 15,782 km of main line by 1976.²⁸ This decline has come about due to competition from much improved road transportation and from air transportation. In 1937, Trans-Canada Airlines (TCA), the forerunner of Air Canada, was incorporated under the Trans-Canada Air Lines Act and started commercial operations between Vancouver and Seattle with 3 planes. By the end of 1937, total TCA personnel numbered 71 and aircraft totalled 6. By 1938, the staff numbered 332 and the number of operational aircraft was 14. Air mail service was added to the passenger service in 1938 and by 1939 this service had been extended from Vancouver to Moncton. (Air mail service had initially begun in 1927 and by 1929 mail was being transported by air from Fort McMurray, Alberta to Aklavik, N.W.T.). Transcontinental air passenger service came into being on April 14, 1940 and on July 22, 1943. Canadian Government Trans-Atlantic service was inaugurated.

Canadian Pacific Air Lines came into being in the early 1940's through an amalgamation of a number of companies which had been servicing the mining industry in northern Canada. They have since expanded to become the second largest domestic carrier in Canada.

Telecommunications, providing means for transmitting large volumes of fast messages over long distances, have added considerably to human capabilities in business and social development.

Alexander Graham Bell's telephone patents were granted in 1877, and Bell Canada was formed in 1880. As early as 1878, the first Canadian telephone exchange was installed in Hamilton, Ontario.³⁰ Telegraphy was used even earlier, the Canadian Telegraph Company being formed in 1846 to connect Toronto and Hamilton with the United States lines through Buffalo.³¹ As electronics came into its own, there were significant changes in the activities of society resulting from the introduction of radio, television, and various data recording and information handling techniques. Most evident among these changes has been the considerable expansion in the dependance of our economy on access to knowledge and to ways for manipulating information. In recent times, this has frequently become the main determinant of success in commerce and in industry.

Economic Change and Development

During the 1850's and 1860's Canada was in an economic boom with the building of railroads and industry developing to meet the needs of new immigrants. Raw materials were found and extracted eg. copper, north of Lake Superior (1845), gold in Hastings county (after 1866), iron along the Rideau River (after 1855) petroleum and phosphate near Petrolia (1859 and after 1863 respectively) and salt near Goderich (1866). These resources assisted in expanding further settlement and increased national wealth. The Reciprocity Treaty of 1854 with the U.S. further aided development in Ontario. Under its terms, natural products (forest, farm and mineral) were freely traded. The Crimean War contributed in driving the price of wheat upwards. After the war, which ended in 1856, the price of wheat fell and an economic depression set in. This was further aggravated by the wheat midge infestation that destroyed an estimated 8 million bushels of wheat in 1858. The Canadian farmer realized then that concentrated wheat production was not sufficient, other crops had to be considered. Despite this, the peak of wheat production in Ontario did not occur until the 1880's.³² By that time, R. L. Gentilcore indicates that yields had declined in the older areas of the province due to continuous production without fertilization.³³

The abrogation of the Reciprocity Treaty in 1886 by the United States and the Wall Street collapse of 1873 had marked effects on the Ontario economy. The end of the Treaty was not as harsh as may have been expected due to immigration and the consequent increased domestic market, but the collapse of the stock market signalled the beginning of a decline which lasted until the 1880's. During this decline, there was a substantial drop in demand in Canada and the U.S. for Canadian pure bred cattle. All prices fell, there was a decline in western development, a drop in foreign trade and a local market too small to absorb the growing production capacity of Canadian industry.³⁴

In the early 1880's, the crews involved in clearing and grading for the Canadian Pacific Railway discovered evidence of large copper-nickel deposits in the area around the Sudbury Basin and mining production began in the area in 1887. Production all along the run of the Sudbury Basin helped to create a more bouyant economy and, when a method was discovered in the last decade of the 19th century to make armour-plate by alloying steel and nickel, the deposits, initially valued for their copper became much more significant due to the nickel. Discovery of silver in 1903 in northeastern Ontario helped to open that area of the province and, in very short order, the town of Cobalt was formed.

From a total value from mining of \$8.7 million in 1900, the industry has steadily increased its value of output over the intervening years with a slight setback during World War II. By 1929, the value of production in Ontario had increased to \$61 million and after a brief decline in 1935 the industry rebounded to hit a new high of \$112.7 million in 1937. The more recent fluctuation in the industry is evidenced by five years of decline in value of production in the early 1940's (low \$106.8 million in 1946) followed by four years of increased production to a new high of \$161 million in 1950. In 1950's value of production was generally high but in the early 1960's and 1970's slight drops in value of production occurred. However, since 1950 the trend has been upward.

For the latter part of the 19th century and the beginning of the 20th, development of Northern Ontario and formation of the Hydro Electric Power Commission of Ontario provided examples of steady growth. During World War I industry expanded, and the new Ontario Hydro grew in response to industry's demand. In 1920 Hydro's substantial expenditure and electric-train projects led to a Royal Commission to enquire into Hydro's affairs.

Further help was provided to industry when the Ontario Research Foundation was established to accelerate the development of Ontario's natural resources. By 1930, the economy was slowing down as the "Great Depression" took hold. For several years unemployment and economic hardship were common. Road building programs were created to reduce unemployment, and the Department of Municipal Affairs was created to assist local governments in solving depression-induced problems.

World War II found Ontario solidly behind Britain. The war effort led to some neglect in highway construction and housing programs which required considerable effort to correct, but this led to a period of rapid development. Tourism was encouraged soon after the war, and in the 1950's, with the population growing rapidly new and expanded communities were created. Ontario became more urbanized. Major highways were needed and were constructed. The demand for electrical power was expanding so that in the late 1950's dependable peak power capacity Ontario Hydro required was five times the level in 1945.³⁵ In the 1960's, Ontario's growth rate was kept high – population increase was boosted by a high immigration rate, and the period of economic expansion continued.

Social and Environmental Aspects

The rapid technological changes and economic development provided society with the benefit of considerable physical comfort, the potential for a more aesthetic "built-environment", and an enormous diversification of consumer products (with increasing fragmentation of product types). This has not occurred, however, without escalating problems which were rarely of concern as recently as two decades ago.

As production has increased to meet the demand for all the goods to which we have become accustomed, a number of conditions have arisen which are symptomatic of the coupling of our socio-economic system with our level of scientific and technological capability (the basic industrial era paradigm reported by Harman).³⁶ In Canada, foremost among these symptoms have been depletion of natural resources (vividly illustrated by the energy crisis); air, water and land pollution; and negative factors affecting the human condition resulting in increased unemployment, crime, tension and stress. Public reaction to these factors have been reflected in the growing legislation which is relevant to conservation of natural resources, pollution matters, reduction of environmental impact, and consumer protection.

The benefits of technology to man have been helped and paralleled by advances in social legislation and management in the human rights, welfare and health fields. Great strides have been taken in the application of medical science. These are well portrayed by the relevant social indicators, and perhaps most notably, by the decreasing infant mortality rate and by life expectancy statistics. The importance of the Canadian medicare schemes in bringing health-care to a very large percentage of the population at relatively low cost should be noted.

Other legislation passed in Ontario which is of considerable social significance covers such matters as:³⁷

- Non-discrimination in wages and access to public facilities;
- Working conditions and vacations for itinerant workers;
- Mother's allowances;
- Pensions for the blind; and
- Aid for the handicapped.

Trade unions have been involved with government in improving the quality of worklife. Through trade union efforts a national pension plan was introduced, collective bargaining became a reality and improved industrial safety legislation has been enacted.³⁸

The introduction and use of the automobile and other vehicles using paved roads also caused important social changes. People generally were made much more mobile and urban-centred development was intensified. Ontario has undergone a number of changes since Canada became a reality 112 years ago. Periods of economic depression have alternated with expansion and boom conditions and there have been many changes in the way of life. Such life-style change is continuing in the economic sphere, (as shown, for example by changing emphases in family expenditure) as well as in the social sphere, (illustrated by marriage, divorce and birth-rates), and is perhaps indicative of an even more fundamental change at the psychological level.³⁹

Footnotes

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- 12 Bladen, M. L., *Construction of Railways in Canada to the Year 1885*, in Ewart, A. (ed.), *Contributions to Canadian Economics, Volume 5*, Toronto Press, 1932, p. 44.
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- 26 G. P. de T. Glazebrooke, *A History of Transportation in Canada, Vol. II*, Toronto, Ryerson Press, 1938 reprinted by McClelland and Stewart Ltd., Toronto, 1964 and 1967. p. 221-224.
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- 31 Murray, John, *A Story of the Telegraph*, Montreal, John Lovell and Son Ltd., 1905, p. 107.
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Table H-1

New France – Population and Livestock Counts, Selected Years, 1665–1754¹

Year	Population			Livestock			
	Total	Males	Females	Horses	Horned Cattle	Sheep	Swine
1665	3,215	2,034	1,181	..	..	..	..
1685	10,725	5,891	4,828	156	7,474	787	..
1706	16,417	8,552	7,865	1,872	14,191	1,820	..
1721	24,951	11,936	13,015	5,603	23,388	13,823	16,250
1734	37,716	19,049	18,667	5,056	33,179	19,815	23,646
1754	55,009	..	..	..	..	..	..

Population for New France and other North American colonies is available for some years dating from 1605. For selected years prior to 1665, the populations for New France were as follows: 44 in 1605; 28 settlers wintered at Québec in 1608; 60 in Québec in 1620; 76 in 1628; 240 in 1641; and 2,500 in 1653. For selected years for Newfoundland and Acadia, populations were as follows: 62 wintered in Nfld. in 1613; 32 wintered in Nfld. in 1622; 73 French in Plaisance, Nfld. in 1671; 441 in Acadia in 1671; 515 in Acadia in 1679; 155 French in Nfld. in 1691; 377 English in Nfld. in 1692; 1,009 in Acadia in 1693.

Source: 1871 Census of Canada.

Table H-2

Population and Dwellings – Upper and Lower Canada (Ontario and Québec), Selected Years, 1765–1931

Year	Province	Total Inhabited Dwellings	Population	Males	Females
1765	Upper	12,230 ¹	69,810 ¹	28,316	26,794
	Lower				
1784	Upper	28,924	113,012 ²	54,064 ³	50,759 ³
	Lower				
1825	Upper	..	157,923	83,810	74,113
	Lower				
1850–51	Upper	145,856	952,004	499,067	452,937
	Lower				
1871	Ontario	286,018	1,620,851	828,590	792,261
	Québec				
1891	Ontario	406,948	2,114,321	1,069,487	1,044,834
	Québec				
1911	Ontario	529,190	2,527,292	1,301,272	1,226,020
	Québec				
1931	Ontario	792,047	3,431,683	1,748,844	1,682,839
	Québec				

Census did not include an estimated 2,300 dwellings nor 14,700 people in Québec and Montréal. These estimates are included in these figures.

Census did not include an estimated 10,000 United Empire Loyalists in Upper Canada who are included in this figure.

Does not include 8,189 who did not state their sex for the census.

Does not include 254,945 children with no sex stated and 1,450 temporarily absent.

Source: Censuses of Canada.

Table H-3
Population by Region, Ontario, Selected Years, 1851–1931

Region ¹	1851	1871	1891	1911	1931
North Eastern	-	9,930	60,976	175,505	277,612
North Western	-	438 ²	15,194 ²	69,432	108,399
South Western	193,507	495,294	612,053	581,710	683,370
Central	475,143	723,586	940,949	1,191,973	1,805,141
Eastern	283,354	391,603	485,149	508,672	557,150
Ontario Total	952,004	1,620,851	2,114,321	2,527,292	3,431,682

1. Planning region. These regions are used to minimize the effect of any boundary changes and consequent county-level discrepancies.
2. Excludes the District of Patricia which was part of the Northwest Territories until Ontario obtained it in 1912.

Source: Ministry of Treasury, Economics and Intergovernmental Affairs, Central Statistical Services, from data in the Censuses of Canada.

Table H-4
Agriculture – Upper and Lower Canada, (Ontario and Québec), Selected Years, 1765–1931

Year	Province	'000's of Acres Culti- vated	Field Crops			Livestock			
			Wheat	Oats	Barley	Horses	Cattle	Sheep	Swine
'000's of bushels									
1765	Québec	781 ¹	180 of all grains were sown.			13,488	37,480	28,022	28,560
1784	Québec	1,303 ¹	383 of all grains were sown.			30,146	98,591	76,497	70,460
1827	Upper	646	..	..	..	25,228	94,539	..	..
	Lower	832 ¹	2,921	2,442	363	142,432	260,015	829,122	241,730
1851-52	Canada W	3,706	12,683	11,395	625	201,670	552,124	967,168	571,490
	Canada E	3,605	3,074	8,977	496	148,620	479,524	648,665	256,790
1860-61	Canada W	6,052	24,620	21,221	2,822	377,681	915,673	1,170,225	776,000
	Canada E	4,804	2,654	17,551	2,282	248,515	615,981	682,829	286,400
1871	Ontario	8,834	14,233	22,139	9,461	489,001	1,355,233 ²	1,514,914	874,660
	Québec	5,704	2,058	15,116	1,668	253,377	735,114 ²	1,007,800	371,450
1881	Ontario	11,294	27,406	40,210	14,280	590,298	1,678,904 ²	1,359,178	700,920
	Québec	6,410	2,019	19,990	1,752	273,850	981,096 ²	889,833	329,190
1891	Ontario	14,158	21,315	47,160	13,419	771,838	1,928,249 ²	1,021,769	1,121,390
	Québec	8,671	1,568	16,906	1,506	344,290	923,636 ²	730,286	369,600
1911	Ontario	13,653 ³	19,845 ⁴	89,936 ⁴	14,085 ⁴	812,214	2,501,536	742,188	1,887,450
	Québec	8,162 ³	932 ⁴	33,804 ⁴	2,340 ⁴	371,571	1,423,269	637,088	794,350
1931	Ontario	13,273	14,054	76,283	13,949	577,322	2,514,344	1,044,624	1,359,170
	Québec	8,994	554	32,861	1,948	301,419	1,707,409	733,684	728,210

1. Original figures were given in arpents; the conversion factor used was 1 arpent = .83 acres.
2. Includes milch cows and other horned cattle. Does not include oxen.
3. Acres of improved land was defined for the first time as "land which has been brought under cultivation and has been cropped and is fitted for producing crops". In previous censuses no clear definition was applied and, as a result, non-tillable areas used as pasture were included under this heading. Owing to the restriction in definition, the 1911 census and those following are not strictly comparable with the censuses previous to 1911.
4. 1910 crop year.

Source: Censuses of Canada.

1851

1871

Industry	Upper Canada			Lower Canada			Ontario			Québec		
	Number of Establishments	Number of Employees	Number of Establishments	Number of Establishments	Number of Employees	Capital Invested	Number of Establishments	Number of Employees	Capital Invested	Number of Establishments	Number of Employees	Capital Invested
						\$			\$			\$
Agricultural Implements	..	..	..	..	173	2,143	821,242	65	378	278,660		
Bakeries	..	..	..	..	385	1,239	466,462	471	1,160	492,864		
Blacksmithing	..	..	..	..	2,894	4,810	812,070	2,129	3,311	638,202		
Boots and Shoes	..	..	..	..	1,965	6,354	1,016,067	1,419	9,865	1,839,417		
Breweries	50	118	13	105	536	2,769	849,640	26	342	636,500		
Cabinet and Furniture	..	..	..	..	536	2,769	1,203,801	218	1,108	564,108		
Carding and Fulling Mills	147	213	193 ³	158	338	280,650	1,162,327	323	546	326,606		
Carriage Making	..	..	..	1,421	4,780	841	657,200	1	2,118	522,015		
Distilleries	102	168	7	18	421	810	5,797,853	45	80,000	80,000		
Flour and Grist Mills	692 ⁴	1,150	541 ⁴	951	2,759	111	2,403,480	68	3,461,723	3,461,723		
Foundries and Machine	..	..	..	..	258	4,686	2,403,480	111	735,775	735,775		
Working	97 ⁵	925	38 ⁵	267	598	116,946	981,060	252	38,470	38,470		
Pot- and Pearl-Ash Asheries	51	..	186	191	1,784	705	553,505	1,708	4,859,607	4,859,607		
Printing Offices	..	..	..	..	156	1,548	7,382,654	94	2,271	491,625		
Sash, Door and Blind	..	..	..	..	1837	13,851	142,583	359	3,193	521,928		
Factories	..	..	..	..	48	6,248	998,313	420	1,735	1,056,147		
Sawmills	1,567	3,670	1,065	204	426	1,584	1,013,745	261	819	260,286		
Ship and Boatyards	8 ⁶	..	12 ⁶	..	440	1,251	456,142	23	556	398,208		
Tailors and Clothiers	..	..	..	..	233	3,696	2,254,706	4,144	21,758	9,670,436		
Tanneries	222	458	..	..	5,639	25,364	8,503,564	13,822	66,714	28,071,868		
Tin and Sheet Iron	..	..	..	..	..	..	..	..	..	..
Working	..	..	..	..	..	..	..	..	..	..
Wool Cloth Making	74	632	18	123	19,043	87,281	37,874,010	..	..	..
Other	388	..	..	..	..	..	..	..	..	..
Totals	3,398	..	2,400	..	19,043	87,281	37,874,010	13,822	66,714	28,071,868		

¹ The major industries in 1851 are reported with a comparison for 1871. The industries listed also include all those which employed more than 1,000 people and had more than \$400,000 capital invested in Ontario in 1871.

² Statistics for numbers of establishments are available for some years prior to 1851. Some selected years' statistics are as follows: 1827 - Lower Canada; Grist Mills - 324, Sawmills - 565, Carding and Fulling Mills - 170, Paper Mills - 3, Breweries - 19, Distilleries - 31, Foundries - 4, Hat Manufacturers - 9, Pot- and Pearl-Ash Asheries - 305, Potteries - 46, Shipyards - 51, and Tanneries - 74. 1831 - Lower Canada; Grist Mills - 393, Sawmills - 727, Carding and Fulling Mills - 187, Oil Mills - 14, Iron Works - 102, Foundries - 18, Distilleries - 70, Pot- and Pearl-Ash Asheries - 489, Others - 76. 1833 - Upper Canada; Grist Mills - 724, 1836 - Upper Canada; Grist Mills - 372, Sawmills - 902. 1839 - Upper Canada; Grist Mills - 420, Sawmills - 930. 1842 - Upper Canada; Grist Mills - 414, Oatmeal Mills - 63, Barley Mills - 41, Carding and Fulling Mills - 330, Oil Mills - 48, Paper Mills - 14, Sawmills - 897, Threshing Mills - 996, Iron Foundries - 22, Trip Hammers - 10, Breweries - 96, Distilleries - 147, Nail Factories - 6, Pot- and Pearl-Ash Asheries - 1,021, and Tanneries - 261. 1844 - Lower Canada; Grist Mills - 422, Sawmills - 911, Barley Mills - 45, Oatmeal Mills - 108, Carding and Fulling Mills - 322, Threshing Mills - 469, Oil Mills - 14, Foundries - 69, Trip Hammers - 18, Nail Factories - 6, Distilleries - 36, Breweries - 30, Tanneries - 335, Paper Mills - 8, Pot- and Pearl-Ash Asheries - 540, and Other - 86.

³ Carding Mills only.

⁴ Grist Mills only.

⁵ Foundries only.

⁶ Shipyards only.

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